



The Agenda for Sustainable Development 2030, ratified at the UN summit in September 2015 by 193 countries, brings together the 17 **Sustainable Development Goals (SDGs)**, divided into 169 targets. The SDGs are conceived as a continuation of the Millennium Development Goals, already stated in 2000 by the United Nations.

Politecnica's **Annual Report 2018** focuses on **6** of these **goals**, which we are committed to achieving every day, through our projects and thanks to the initiatives we carry out.

- SDGs **3**    Good Health
- SDGs **4**    Quality Instruction
- SDGs **5**    Gender equality
- SDGs **7**    Renewable energy
- SDGs **9**    Innovation and infrastructure
- SDGs **11**   Sustainable communities

We have always placed the well-being of the community and of people at the centre of our interventions, in order to make our contribution to the achievement of sustainable development goals.

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## Letter to Stakeholders

The year 2018 was full of challenges and important achievements for Politecnica, featuring positive financial results, with fruitful professional recognition and experience.

We have started **64 new projects in Italy and around the world**, thus promoting social inclusion and dignity by means of environmental-impact and climate-change reducing technologies.

In all these **people-oriented projects**, **the designer faced the challenge of addressing the needs and desiderata of the communities** living in the interested areas.

**Politecnica is taking on this commitment** with growing determination as a company made up of people designing for the people in an increasingly complex world.

The aim is to create infrastructures enhancing peoples and communities' connection, allowing exchanges and relations, inclusive and safe public buildings facilitating social interaction, cutting-hedge health facilities for patients, education and teaching-oriented buildings promoting sociality and interpersonal exchange.

Beyond stating abstract principles, We **turn the values which are inherent to our cooperative model - such as responsibility, solidarity and humanism - into concrete action**, through the daily effort of all our professionals in performing works progressively improving the quality of our lives.

**These principles shall also guide our future actions and strategy**, both as designers and individuals, to orient Politecnica's action towards contributing to the universal values and to the United Nations Global Agenda for Sustainable Development.

**These very principles and values shall serve the design process:** each and every one of us will have to take on this responsibility.

CEO  
Francesca Federzoni

# Our contribution to global development

The Global Agenda for Sustainable Development (Agenda 2030), ratified at the UN summit in September 2015 by 193 countries, encompasses the 17 Sustainable Development Goals (SDGs), divided into 169 targets. The SDGs are designed as a continuation of the Millennium Development Goals, already defined in 2000 by the United Nations.

**Politecnica by designing works on a human scale intends to contribute to achieving these objectives, which are focused on the well-being of the human community.**



Highlights

11

We design facilities that guarantee the access to essential quality healthcare services

11 hospitals designed in Italy and worldwide in the last three years, for the patient's wellbeing, with comfortable and functional spaces, as well as technologies of excellence to assure quality health care.



- Goals Projects**
- Zealand Hospital, Denmark
  - Galliera Hospital, Genoa
  - Bucharest Hospitals, Romania
  - EAKI Institute, Kenya
  - Pordenone Hospital



- Goals Projects**
- Zealand Hospital, Denmark
  - Crédit Agricole Green Life, Parma
  - Quadrilateral Residential, Milan
  - Decathlon Store, Parma
  - Decathlon Store, Ferrara

Less energy, less emissions: designing works for a sustainable future

5 projects certified by international bodies among the projects we performed in the last 5 years. Designing for a sustainable future means caring about the future, next generations and the impact of the works on the surrounding environment, and people, throughout their life cycle.

5

8

The functional and architectural features of projects provide the key to the success of educational activities

8 buildings for education and training designed in the last 3 years. Our engineers and architects take into account all the students' needs, any disabilities and gender equality requirements to design safe learning, non-violent and inclusive environments.



- Goals Projects**
- Campus Enzo Ferrari, Modena
  - Villa Strozzi, Palidano di Gonzaga
  - Health Campus, Pavia
  - European Business School, Ethiopia
  - Luzhniki Olympic Hub, Moscow



- Goals Projects**
- Coastal Highway, Belize
  - Haulover Bridge, Belize
  - Moyamba Junction, Sierra Leone
  - Sun Cycle, Italy
  - Light Rail, Cagliari

The ultimate goal of an infrastructure is to connect peoples and communities

4 infrastructures in developing countries and 4 infrastructures in Italy designed in the last 3 years where every choice of our designers can be of significant social impact. The users' needs must be understood and the communities involved. This value goes beyond technology.

8

37

"Designing with humanity" means focusing on the needs of the project location community

Women account for 37% of our staff. Each project will be enjoyed by both men and women. We believe that having different points of view, shared and united by a common factor, is a unique value in design to meet the needs of all humankind.



- Goals Iniziatives**
- TedxModena Women, Modena
  - "Don't call it raptus", Modena
  - "I didn't want to see", Modena



- Goals Projects**
- BhENEFIT Project, Europa Area
  - Ex Amcm, Modena
  - SPRINT Project, Pesaro

Participatory design making projects functional for people's communities assures their longer resilience

13 European partners involved in the BhENEFIT Project and 8 pilot activities to address the major issues of development and management of historical centres in the Central European area. All our projects are mainly focused on the social and human aspects, even more than on the technical one, as we do believe that the success of a project lies above all in the user's benefit.

13

## People of Politecnica

CEO

the President and CEO  
is a woman

2 out of 5

members of the Board  
of Directors are women

1 out of 4

directors is a  
woman

37%

of the staff  
are women

63%

of the staff  
are men

45

years is the  
average age

## Training and technology

591

training hours  
in 2018

4%

of 2018 turnover was  
invested in new instruments

## Consumption

399<sub>t</sub>

CO2 total production  
in 2018

3,7<sub>MI</sub>

water consumption  
(Megalitres)

6,5<sub>t</sub>

paper consumption  
in 2018

## International standards for sustainable design

Politecnica adheres to the main international standards in the various fields for a design approach respecting the environment, limiting the use of resources and using renewable energy sources.

### Green Building Council Italia

The GBC is a non-profit association that promotes the spread of sustainable construction and raises public awareness of the impact of construction on the quality of life.



### LEED - Leadership in Energy and Environmental Design

GBC Italia promotes the LEED - Leadership in Energy and Environmental Design certification system, the parameters of which establish precise criteria for the design of healthy, energy efficient and low environmental impact buildings



### Envision™

It is an objective evaluation protocol that allows to record, self-assess and certify an infrastructure project in terms of investment effectiveness, ecosystem, climate and environmental risk, function durability, leadership and improvement of the quality of life.



# Building For Humans



We carry out works assuring the access to quality, essential health care services thanks to our experience in complex institutional building projects

## Ensuring everybody's health and well-being at all ages.

Our designers create user-comfortable healthcare and hospital facilities. These public works, **serving the citizens and the communities**, are designed to optimize the patients' environment and its functionality, thus allowing the operators' best performance.

## Biomedical sciences for a better future

### ZEALAND UNIVERSITY HOSPITAL Køge, Denmark

Designing excellence health facilities, with a **view to medical and scientific discoveries**, will make it possible to create a high-technology university centre for biomedical sciences, with 789 beds on 185 thousand square meters surface. This project is **"participated and shared"** with all Stakeholders to adopt stable and lasting solutions for the community.

DGNB Silver certification guarantees financial, environmental, social and technical/operational sustainability.

[...read more](#)

## Green "human centered" health care

### NEW GALLIERA HOSPITAL Genoa, Italy

A roof garden of 5,500 square meters integrated into the structure for a **"man-centered"** project contributing to the patients' condition improvement. Designed as per **"Green" and "Lean" Hospital certification** high-energy efficiency standards, it features innovative energy-saving systems and low environmental impact.

This new hospital design was entirely developed in a **BIM integrated environment**, with processes focused on the well-being of people.

[...read more](#)

Opposite  
above | Zealand Hospital  
below | Galliera Hospital





We design structures having all the functional and architectural features to facilitate education in an open and inclusive way

To provide quality, fair and inclusive education and learning opportunities for everybody.

The access to free, equitable and quality education is first and foremost a matter of design, expressed by Politecnica through its socially-oriented concept, associated to technical contents. **The design takes into account the gender equality needs, disabilities and interactivity of student groups**, to realize safe, non-violent and highly inclusive learning environments.

### Aggregation, sociality and didactics

#### CAMPUS "ENZO FERRARI" Modena, Italy

The new centre of excellence of the University of Modena and Reggio Emilia shall be a **place of aggregation and sociality for students**.

The building was designed to offer **teaching methodologies showing strong urban vocation**.

**The remarkable focus placed on energy and environmental issues** will reduce energy consumption and polluting emissions, thanks to the constant monitoring and study of indoor microclimate.

[...read more](#)

### The Heritage of a 17th century building for students

#### VILLA STROZZI Palidano di Gonzaga, Italy

**Once again**, the **students** of the Istituto Agrario Piero Strozzi in Mantua **will be able to visit** the historic villa in Palidano di Gonzaga, made unusable by the earthquake.

**BIM technology at the service of the community** has allowed piece of architectural heritage to be recovered and made functional to the development of education and didactics. Moreover, the introduction of the most **advanced anti-seismic criteria** has greatly improved the overall building security.

[...read more](#)

Opposite  
above | "Enzo Ferrari" Campus  
below | Villa Strozzi





## Achieving gender equality and empowering all women and girls

### Our women and men design together.

One of our objectives is to **design public and private environments where the Gender Equality principle is respected and the values of social and economic inclusiveness are promoted.** Gender equality is not only a fundamental human right, but also the necessary condition for a prosperous, sustainable and peaceful world. For this reason, we promote the representation of women in our decision-making and management processes, committing to it in our sector and outside it. We design together for a better impact on society.



**TEDxMODENA WOMEN 2018**  
Modena, Italy

"Designing with humanity" means focusing on the needs of the community where the project is located.

For us, the woman's point of view adds to the projects diverse viewpoints and further depth.

We are committed to gender equality towards **full and effective participation of women and equal leadership opportunities** at all decision-making levels in political, economic and public life.

[...read more](#)

### Art for Gender Equality

**"I DIDN'T WANT TO SEE"**  
Modena, Italy

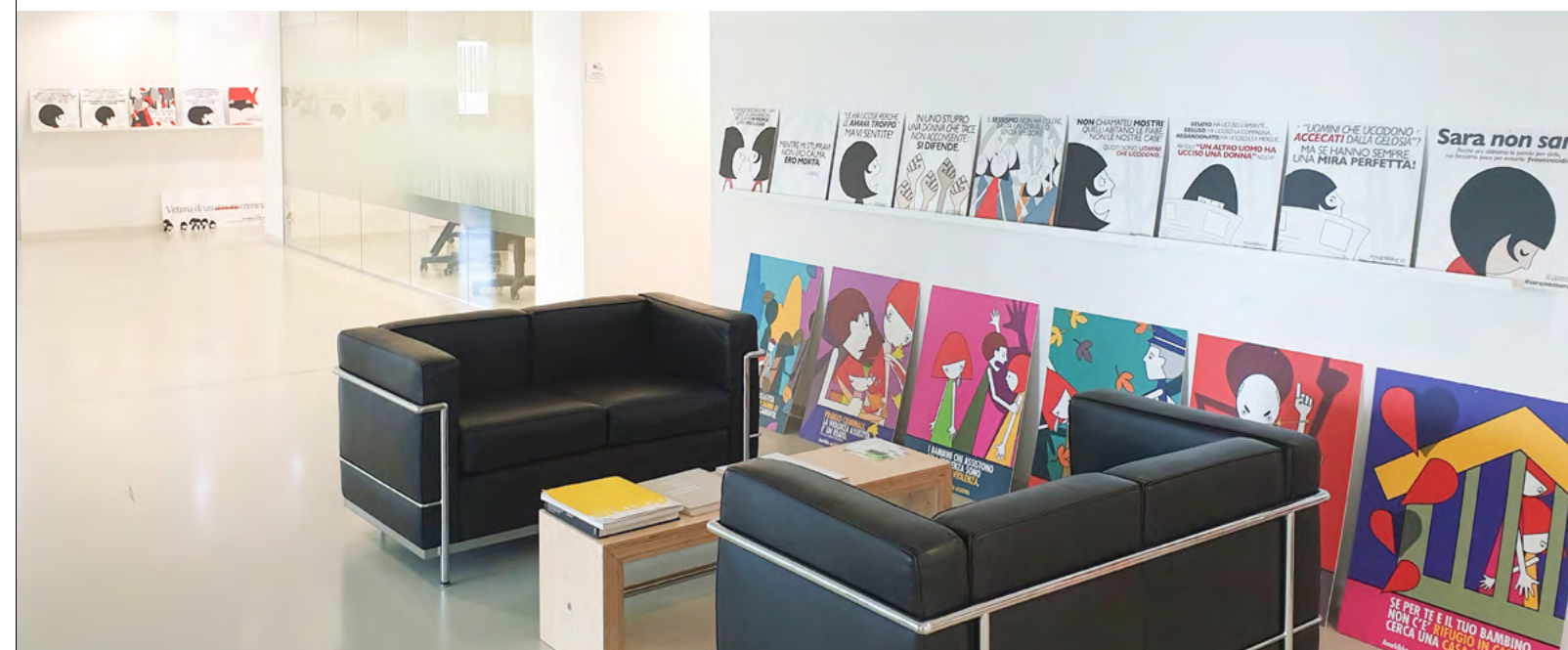
We supported the play "I didn't want to see", a musical reading from the book, having the same title, by Fernanda Flamigni and Tiziano Storai.

**"DON'T CALL IT RAPTUS"**  
Modena, Italy

We have hosted and promoted **in our headquarters in Modena** an itinerant exhibition of 25 illustrations dedicated to the themes of violence against women, witnessing violence and gender discrimination in Italy.

[...read more](#)

Opposite  
above | TEDxModena 2018  
below | "Don't call it raptus".





## Ensuring general access to affordable, reliable, sustainable and modern energy systems

### Intelligent energy for the planet's balance.

In the near future, we will be talking above all about a new balance between energy sources: natural gas, renewable sources and energy efficiency. Politecnica adopts the best technologies and design solutions fostering the access to more efficient energy services during this mix of sources transition. In our working practice and integrated approach, we **search for design solutions providing access to affordable, reliable and modern energy services**. Designing for a sustainable future means thinking about the future and the generations to come, about the potential impact of our works on the surrounding environment and people throughout their life cycle.

### Less energy for people's well-being

#### CRÉDIT AGRICOLE GREEN LIFE Parma, Italy

Crédit Agricole Green Life project features energy saving at the service of the design of working environments offering maximum comfort, **focusing on the workers' wellbeing**.

For this reason, we have used **cutting-edge technologies** resulting in the achievement of the **LEED Platinum** level. The new eco-sustainable headquarters of the French group, covering an area of over 12,000 square meters, are sited on various levels in a park exceeding 70 thousand square meters.

[...read more](#)

### Self-energy sustainability

#### CRIF HEADQUARTER Bologna, Italy

This building, hosting the headquarters of CRIF, has a **low environmental impact and is self-sustainable**.

Its energy consumption being **fully self-produced**, no use of fuel is needed. Through this particular design approach, this building will be classed **NZEB (Nearly Zero Energy Building)**.

This resulted from integrating the following elements: orientation of the building, green areas, photovoltaic energy and overall functionality.

Opposite  
above | Crédit Agricole Green Life  
below | CRIF Headquarters





## Building resilient infrastructures and promoting innovation and equitable, responsible and sustainable industrialization

### Infrastructure connects communities.

The development of infrastructural networks positively effects the growth of a country and local economic activities, it is nonetheless important to study the actual impact modalities on the territory. For this reason, we design roads, motorways, bridges and communication routes based on the needs of local communities obtained through what we call **"participatory and shared design"**. Especially in developing countries, we work closely with local professionals and workers to contribute to internal technological development, research and innovation.

### A sustainable journey to experience nature

#### SUN CYCLE ROUTE Italy

A 650 km long nature trail through 4 regions: Piemonte, Veneto, Emilia Romagna and Tuscany. A **"sustainable link" providing a path through** the surrounding nature and some of the major Italian cities. The project is **designed to enhance the eco-sustainable tourist receptivity** for cycle-tourists and historical-artistic heritage visitors. This is the **Ciclovia del Sole**, the Italian section of Eurovelo 7, the cycle route connecting Malta and the North Cape, one of the four cycle routes in the National Cycle Network.

[...read more](#)

### Community Links

#### MOYAMBA ROADS & BRIDGES Moyamba, Sierra Leone

The Moyamba Junction Roads & Bridges Rehabilitation Project is the largest infrastructural project in Sierra Leone. An **all-weather** asphalted road to enable **local people travelling, trading and socializing**.

This unparalleled project results from Politecnica capability of listening to the people on that territory, where nothing is taken for granted. Deciding to add an extra streetlamp in a village, for example, means offering its inhabitants some night light and a new meeting place.

[...read more](#)

Opposite  
above | The Sun Cycle  
below | Moyamba Roads



## Making cities and human settlements inclusive, safe, long lasting and sustainable

Participatory design makes works sustainable in the long term.

In all our interventions, the **design is focused on social and human issues** accounting even more than technical topics, as we do believe that the success of our projects primarily lies in the users' advantage.

We do in fact share our projects with local populations, bodies, institutions and associations since their start, particularly those works that are functional to provide the citizens access to public services and the use of urban infrastructure.

### Enhancement of Europe's historical centres

#### BhENEFIT PROJECT

Central Europe

In order to **manage and enhance the historical urban areas of Europe and to promote their sustainable management in the long term**, we have developed a new approach with some European institutions and public and private bodies. The new methodology for the management of historic cities (HBA) in Central Europe will be tested in 8 pilot activities, to approach the challenges of urban centres, improving the efficiency of decision-making processes and the involvement of public and private stakeholders.

[...read more](#)

### A new green lung in the city centre

#### SPRINT PROJECT

Park XXV April Pesaro, Italy

The aim is to return the new park to the city of Pesaro as **a place of great strategic importance for its future development**.

Sited between the railway, the river and the historical centre, the Park, once regenerated, will host a new bike path and a completely renovated underpass, as well as new car parks and sports facilities.

A project that will give new life to an entire area, which once recovered, will be returned to the entire community.

Opposite  
above | BhENEFIT Project  
below | SPRINT Project



# Politecnica towards 2030

Future sustainable development goals

Through our mankind-oriented design, we intend to contribute to the achievement of the goals of UN 2030 Agenda, which are targeted on people's well-being.

In particular, the **Politecnica Roadmap towards 2030** is inspired by those aspects directly impacting people's well-being, both internally and externally, in a broader sense the social development. Specifically:

## Politecnica is woman

In addition to the various welfare initiatives implemented to **reconcile the family life of women with their work and professional life**, we are committed to constantly and increasingly enhancing the role of women in our positions and functions, thus including women/ men ratio.

We plan the achievement by 2030 of full gender equality in the percentage of Politecnica female and male professionals, showing **50% women/ men**.

## Exchange of expertise in developing countries

The projects we implement abroad contribute to the creation of key professionals in developing countries through the **constant transfer of technical and technological expertise** to our local partners and clients.

We already propose specific initiatives within our activities aimed at sharing and transferring our know-how.

On our way to 2030, we intend to adopt this approach in all the projects to be implemented worldwide, especially those in developing countries, to offer best practices and contribute to the development of professional knowledge through **training sessions, sharing designers' expertise and training modules on site**.

*Knowledge shared = Knowledge<sup>2</sup>*



50%

full gender equality  
by 2030



## The future is in young people's hands

We are aware of the role that profession can play on the territory and in the Italian professional scenario, we therefore attach considerable attention to its development. To contribute to young people's skills and experience development and enhancement, We constantly cooperate with various professional and technical training schools as well as some universities.

We plan to create not later than 2030 the **"Politecnica Academy"** to promote such initiatives as: a) **Contributing to the training** of young vocational school students; b) **Promoting professional school** students' opportunities to access the work market by providing training and cooperation in our international projects; c) Starting the cooperation with a major Italian university to assist the **development of a PhD process in BIM technology**.



# Company and services offered

Company Profile

Politecnica is one of the largest Italian consulting firms for Integrated design, architecture, engineering and urban planning.

45

members of Politecnica: engineers, architects and technical staff

+15Mln

Euro average annual turnover

We are an independent firm with 45 partners, engineers and architects, who have implemented works in over 50 countries worldwide, with an annual turnover exceeding 15 million euro.

We develop projects **in every field**, public and private, in schools and health, in industry, services, infrastructure and - with our international division - we carry out civil and infrastructural works in many developing countries within the framework of projects financed by International Financial Institutions (Donors).

## Project Management

We combine our management capacity in developing projects with our experience in following each of them, according to the client's needs, thus ensuring overall efficiency in terms of **time and resources**.

We specialize in participatory and shared design. We carry out **works of collective interest** (schools, hospitals, infrastructures) involving, since the preliminary stages of each intervention, institutions, local authorities and communities, with the aim of unifying the intentions to **benefit** the services users and the whole territory.

## Services

|                                  |                         |                       |                              |
|----------------------------------|-------------------------|-----------------------|------------------------------|
| Assistance in Tendering          | Planning & Design       | Tests & Commissioning | Feasibility Studies          |
| Project Management & Consultancy | BIM Integrated modeling | Masterplan            | Technical Assistance         |
| Works Management & Supervision   | Safety Coordination     | Certifications        | Project validation           |
|                                  |                         |                       | <a href="#">...read more</a> |



## Sectors

INDUSTRY  
RESTORATION AND HERITAGE  
COMMERCIAL AND SERVICE  
HEALTH  
SCIENCE, EDUCATION AND SPORTS  
RESIDENCES AND TOURISM ROADS  
BRIDGES AND RAILWAYS  
URBAN PLANNING

## Integrated design

Our strengths lie in the **integration** of skills - from designing mechanical and plant systems to urban planning, from structural to architectural design - and in **teamwork**, besides covering diverse professional skills. Over 200 professionals including designers, planners, engineers, consultants and specialized technicians make all this possible.

+200

Politecnica staff: designers, consultants and technical experts



## Our growth

2018-2020 Three-Year Plan

# 20Mln

Euro in our orders portfolio

# 30%

presence on foreign markets  
and increase in foreign  
turnover

The three-year period that have just ended has been marked by financial and overhead costs restructuring as well as resources and tasks reorganization.

The next three years will be solidly based on three pillars: **consolidation**, **development** and **innovation**.

The human resources, which have been growing steadily in recent years, despite the ongoing generational change among members, will show a positive balance in 2019 also.

The strategic guidelines will be in line with the past achievements:

- Intensification of business action in Northern European Countries;
- Consolidation of positions in West Africa, the Balkans and Central America;
- Intensification of business activity in the agro-industrial and manufacturing sector;
- Consolidation of our leadership in the health sector, in the restoration of heritage buildings, in the planning processes of urban transformation and regeneration;
- Strengthening of our presence by expansion of Milan office in Italy;
- Confirmation of the trend for future years in setting our presence on foreign markets at 30% and increasing our turnover by the same percentage.

# Projects 2018

Main projects assigned



## MEYER HEALTH CAMPUS

RESTORATION AND ADAPTATION

Florence, Italy

**Client**  
Meyer University Hospital Company

**Team**  
Politecnica  
Rossiprodi Associati  
Consilium

**Service**  
Preliminary, final, construction  
design, works supervision,  
coordination of safety at design  
and construction stage

**Assignment**  
Architectural, restoration  
and structural works

**Value**  
3.2 Mln €



## UFFIZI MUSEUM

RESTORATION AND ADAPTATION  
LOT 2, PART 3

Florence, Italy

**Client**  
CMSA

**Team**  
Politecnica

**Service**  
Construction design

**Assignment**  
Architectural, structural  
and MEP works

**Value**  
17 Mln €

## CONTROL TOWER

LINATE AIRPORT NEW TOWER

Milan, Italy

**Client**  
ENAV SpA

**Team**  
Politecnica  
Tecno Engineering 2C  
Mythos

**Service**  
Final design

**Assignment**  
Architectural, structural  
and MEP works

**Value**  
Confidential



## BUCAREST HOSPITALS

EXTENSION AND ADAPTATION OF  
HOSPITALS BAGDASAR ARSENI AND  
GRIGORE ALEXANDRESCU

Bucharest, Romania

**Client**  
Ministry of Health  
World Bank Funding

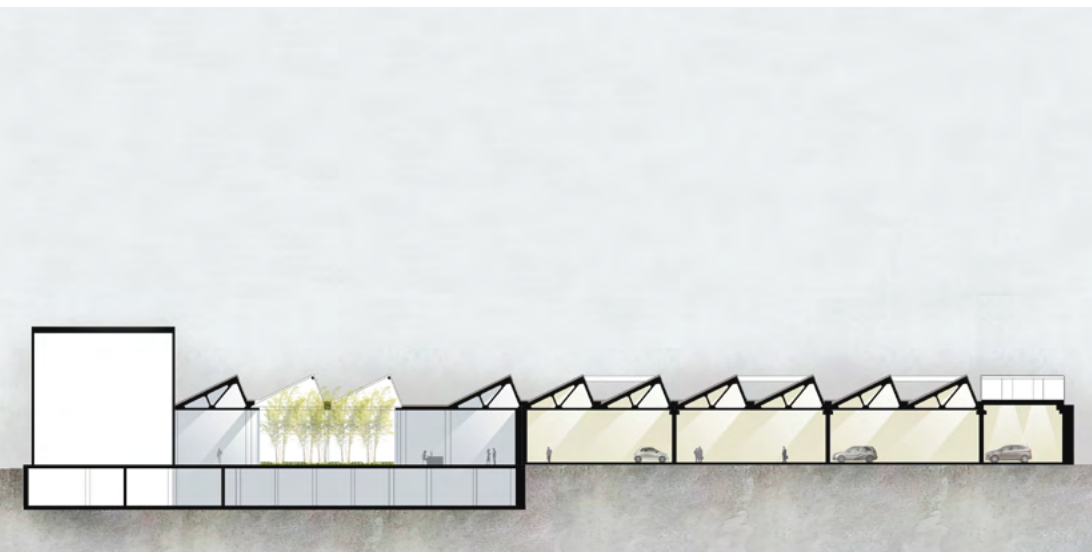
**Team**  
Politecnica

**Service**  
All design phases, works supervision,  
coordination of safety at design  
and construction stage

**Assignment**  
Architectural, structural  
and MEP works

**Value**  
46.6 Mln €





## BRENTA AVENUE BUILDINGS

REQUALIFICATION AND RETROFIT

Milan, Italy

### Client

ENPAM Foundation

### Team

Politecnica  
Rossiprodi Associati  
Consilium

### Service

All design phases, works supervision,  
coordination of safety at design  
and construction stage

### Assignment

Architectural, structural  
and MEP works

### Value

5.4 Mln €



## EX COTTON PLANT

REQUALIFICATION AND RETROFIT

Alghero, Italy

### Client

Municipality of Alghero

### Team

Politecnica

### Service

All design phases, works supervision,  
coordination of safety at design  
and construction stage

### Assignment

Architectural, structural  
and MEP works

### Value

2.4 Mln €

## PALAZZO DEGLI AFFARI

REQUALIFICATION AND RETROFIT

Florence, Italy

### Client

Firenze Fiera

### Team

Politecnica  
Arch. Elio Di Franco  
Consilium

### Service

Final and construction design, works  
supervision, coordination of safety  
at design and construction stage

### Assignment

Architectural and structural works

### Value

8 Mln €



## MUSEUM OF ORIENTAL ART

RESTORATION AND  
RE-FUNCTIONALISATION

Venice, Italy

### Client

Veneto Museum Centre

### Team

Politecnica  
Gnosis Progetti

### Service

Construction design, coordination of  
safety at design stage

### Assignment

Architectural and MEP works

### Value

5.8 Mln €





**ABAFOODS**  
ENLARGEMENT OF THE PLANT  
Badia Polesine, Italy

|                                      |
|--------------------------------------|
| <b>Client</b>                        |
| Abafoods-Royal Wessanen              |
| <b>Team</b>                          |
| Politecnica                          |
| <b>Service</b>                       |
| Preliminary design                   |
| <b>Assignment</b>                    |
| Architectural and production concept |
| <b>Value</b>                         |
| Confidential                         |



**ANAS CENTRE NORTH**  
ARCHITECTURAL AND  
ENGINEERING SERVICES LOT 1  
Italy

|                                                                             |
|-----------------------------------------------------------------------------|
| <b>Client</b>                                                               |
| ANAS SpA                                                                    |
| <b>Team</b>                                                                 |
| Politecnica<br>Technital<br>Matildi+Partners                                |
| <b>Service</b>                                                              |
| Final and construction design,<br>coordination of safety<br>at design stage |
| <b>Assignment</b>                                                           |
| Alignment and works of art                                                  |
| <b>Value</b>                                                                |
| 100 Mln €                                                                   |

**CHARMING FARMHOUSES**  
RESTORATION AND  
RE-FUNCTIONALISATION  
Varignana, Italy

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| <b>Client</b>                                                                                       |
| Palazzo di Varignana Srl                                                                            |
| <b>Team</b>                                                                                         |
| Politecnica                                                                                         |
| <b>Service</b>                                                                                      |
| All design phases, works supervision,<br>coordination of safety at design<br>and construction stage |
| <b>Assignment</b>                                                                                   |
| Architectural, structural and MEP<br>works, interior design                                         |
| <b>Value</b>                                                                                        |
| Confidential                                                                                        |



**UNIVERSITY OF PISA**  
NEW VETERINARY  
SCIENCE DEPARTMENT  
San Piero a Grado, Italy

|                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------|
| <b>Client</b>                                                                                                    |
| University of Pisa                                                                                               |
| <b>Team</b>                                                                                                      |
| Politecnica<br>Mythosi                                                                                           |
| <b>Service</b>                                                                                                   |
| All design phases, coordination of<br>safety at design stage                                                     |
| <b>Assignment</b>                                                                                                |
| Structural works, geotechnics,<br>hydrology, energy efficiency, fire<br>prevention, acoustics<br>and landscaping |
| <b>Value</b>                                                                                                     |
| 20 Mln €                                                                                                         |



# Jobs 2018

Main works in progress



**PARK OF CREATIVITY**  
EX AMCM AREA REDEVELOPMENT  
Modena, Italy

|                                                            |
|------------------------------------------------------------|
| <b>Client</b>                                              |
| Municipality of Modena                                     |
| <b>Team</b>                                                |
| Politecnica<br>Arkè Associated Studio                      |
| <b>Service</b>                                             |
| Preliminary, final<br>and construction design              |
| <b>Assignment</b>                                          |
| Architectural, structural, MEP works<br>and urban planning |
| <b>Value</b>                                               |
| 30 Mln €                                                   |



**CHURCH OF SAN POSSIDONIO**  
RECONSTRUCTION  
AFTER THE EARTHQUAKE  
San Possidonio, Italy

|                                                                          |
|--------------------------------------------------------------------------|
| <b>Client</b>                                                            |
| Diocese of Carpi                                                         |
| <b>Team</b>                                                              |
| Politecnica<br>Ingegneri Riuniti<br>Coprati                              |
| <b>Service</b>                                                           |
| Final and construction design,<br>coordination of safety at design stage |
| <b>Assignment</b>                                                        |
| Preliminary design                                                       |
| <b>Value</b>                                                             |
| 5.7 Mln €                                                                |

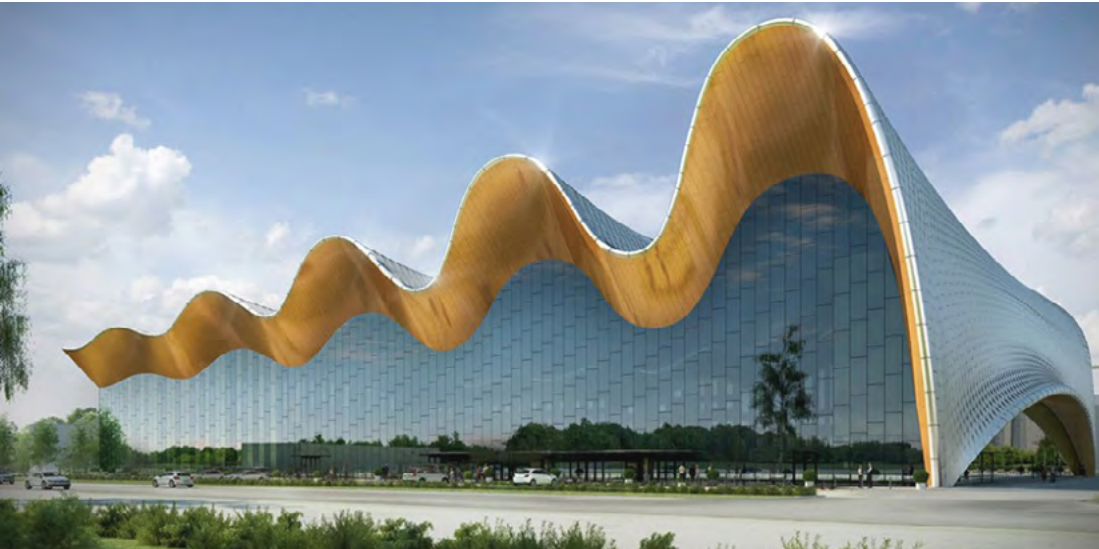
**WÜRTH CENTRE**  
LOGISTICS CENTRE EXPANSION  
Crespellano, Italy

|                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Client</b>                                                                                                               |
| Würth Srl                                                                                                                   |
| <b>Team</b>                                                                                                                 |
| Politecnica                                                                                                                 |
| <b>Service</b>                                                                                                              |
| Preliminary, final, construction<br>design, works management,<br>coordination of safety at design<br>and construction stage |
| <b>Assignment</b>                                                                                                           |
| Architectural, structural<br>and MEP works                                                                                  |
| <b>Value</b>                                                                                                                |
| Confidential                                                                                                                |



**LUZHNIKI OLYMPIC HUB**  
DESIGN OF NEW ROOFING SYSTEM  
Moscow, Russia

|                                          |
|------------------------------------------|
| <b>Client</b>                            |
| ISCOM SpA                                |
| <b>Team</b>                              |
| Politecnica<br>PRIDE<br>Metropolis Group |
| <b>Service</b>                           |
| Detailed/construction design             |
| <b>Assignment</b>                        |
| Structural works                         |
| <b>Value</b>                             |
| Confidential                             |





### LAMBORGHINI CARS

#### NEW PAINTSHOP

Sant'Agata Bolognese, Italy

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Client</b>     | Automobili Lamborghini SpA                                                                                          |
| <b>Team</b>       | Politecnica                                                                                                         |
| <b>Service</b>    | Preliminary, final, construction design, works supervision, coordination of safety at design and construction stage |
| <b>Assignment</b> | Architectural, structural and MEP works                                                                             |
| <b>Value</b>      | Confidential                                                                                                        |



### PMI

#### COMPLETION OF PHILIP MORRIS MANUFACTURING & TECHNOLOGY PLANT

Crespellano, Italy

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| <b>Client</b>     | Philip Morris Manufacturing & Technology                                                      |
| <b>Team</b>       | Politecnica                                                                                   |
| <b>Service</b>    | All design phases, works supervision, coordination of safety at design and construction stage |
| <b>Assignment</b> | Architectural, structural and MEP works                                                       |
| <b>Value</b>      | Confidential                                                                                  |

### CHEF EXPRESS

#### RESTYLING CONCEPT FOR 10 SERVICE AREAS

Rome, Italy

|                   |                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Client</b>     | Cremonini Group                                                                                           |
| <b>Team</b>       | Politecnica                                                                                               |
| <b>Service</b>    | Final and construction design, works supervision, coordination of safety at design and construction stage |
| <b>Assignment</b> | Architectural, structural and MEP works                                                                   |
| <b>Value</b>      | Confidential                                                                                              |



### COASTAL HIGHWAY

#### NEW COASTAL MOTORWAY

Belize

|                   |                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Client</b>     | Ministry of Works and Transport of Belize with funding from the Caribbean Development Bank                             |
| <b>Team</b>       | Politecnica                                                                                                            |
| <b>Service</b>    | Preliminary, final and construction design                                                                             |
| <b>Assignment</b> | Road, structural and MEP works environmental and landscape impact study, surveys, infrastructural and hydraulic design |
| <b>Value</b>      | 70 Mln \$                                                                                                              |



# Economic and financial issues

A year of growth and value creation

## Revenues

|      |           |
|------|-----------|
| 2018 | 19.160 K€ |
| 2017 | 14.712 K€ |
| 2016 | 13.174 K€ |

## Operating costs

|      |             |
|------|-------------|
| 2018 | 16.038 K€   |
| 2017 | 12.506 K€   |
| 2016 | 11.199,5 K€ |

## Wages and benefits

|      |          |
|------|----------|
| 2018 | 1.791 K€ |
| 2017 | 1.801 K€ |
| 2016 | 1.855 K€ |

## Government payments

|      |         |
|------|---------|
| 2018 | 554 K€  |
| 2017 | 113 K€  |
| 2016 | 88,5 K€ |

## Economic value remaining

|      |        |
|------|--------|
| 2018 | 757 K€ |
| 2017 | 283 K€ |
| 2016 | 31 K€  |

## Main asset aspects

|               |             |
|---------------|-------------|
| SHARE CAPITAL |             |
| 2018          | 1.422.015 € |
| 2017          | 1.033.918 € |
| 2016          | 1.074.358 € |

|             |             |
|-------------|-------------|
| RESERVE/USE |             |
| 2018        | 3.391.088 € |
| 2017        | 2.652.551 € |
| 2016        | 2.370.200 € |

|               |             |
|---------------|-------------|
| SHAREHOLDERS' |             |
| 2018          | 4.813.103 € |
| 2017          | 3.686.469 € |
| 2016          | 3.444.585 € |



## Focus on People

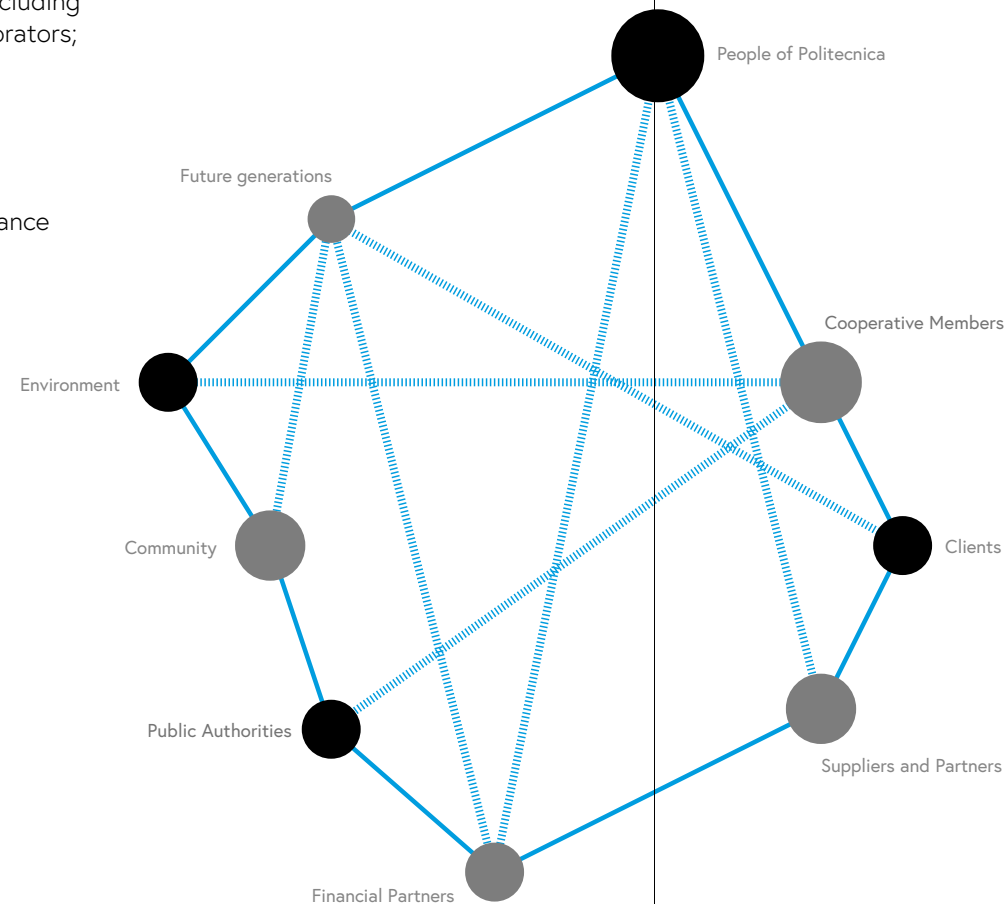
## Identification of the main Stakeholders

People are at the centre of every activity carried out by Politecnica.

The primary goal of all our policies (Code of Ethics, Quality, Environment and Safety), Vision and Mission is satisfying all the people's **needs**.

This Report covers the following categories of identified **Stakeholders**:

- The People in Politecnica, including both employees and collaborators;
- Cooperative Members;
- Politecnica's Clients;
- Suppliers and Partners;
- Financial, banking and insurance partners;
- The Public Authorities;
- The community;
- The environment;
- Future generations.



## Cooperation

## Participation tools

## People

The Cooperative Movement, to which we strongly adhere, sets the staff enhancement and satisfaction as one of its **founding values**.

The expectations of the **People in Politecnica** (staff working with us in various capacities) are made up of:

- Occupational guarantee;
- Market-related adequacy of salary;
- Progressive improvement of professional qualification;
- Absence of whatsoever discrimination;
- Assurance of health and safety at work;
- Quality of internal environment;
- Comfort of the working environment;
- Flexibility of working time;
- Involvement and access to information.

With reference to the expectations in terms of involvement and access to information, it is planned:

- **To provide information** to the workers, through the union representatives, on staffing requirements that can be met through the reconversion and possible retraining of personnel already working for Politecnica;

- A commitment to **the widest possible involvement**, right from the decision making stage, on our problems as a whole;
- The annual analyses by Politecnica management of the qualifications of all employees, with a view to their possible revision and communication to the trade union representation;
- To make available in real time, to all staff, any documents of a programmatic and strategic nature (from the Financial Statements to the Three-Year Plan and the Annual Improvement Plan, up to this Annual Report);
- To continue trade union relations with mutual satisfaction. The renewal in the current year of the supplementary contract agreement, has demonstrated the great maturity and cohesion of our staff. This was achieved thanks to the great sense of **responsibility** and **solidarity** that both parties involved have demonstrated, resulting from the shared past and the mutual esteem which bind all the professionals of the Cooperative, regardless of their corporate role.



## Cooperative Members

Cooperative Members are the **first** stakeholder for us.

The Board of Directors, formed of the representatives members, is constantly working for the implementation of their expectations and monitoring their satisfaction.

The **Cooperative Members Assembly**, held on a quarterly basis or more often when necessary, provides all members the opportunity to share and compare opinions.

As for the quarterly management control meeting, during the Cooperative Members Assembly the cooperative performance is discussed, together with business and market trends, potential risks and the forecasts for the income statement results of the ongoing year.

## Clients

Since our products are mainly engineering and architectural projects, the requirements of our clients, both public and private, can be expressed as follows:

- **Quality** of the designed work, understood as fulfilling the Client's requirements, both those contractually stated and the unexpressed ones;
- **Meeting the deadlines and costs**, assuring the submission of design documents and project drawings within the schedule and the financial fees contractually stated;
- **Safety**, meaning the reliability of the design and implementation phase, in compliance with the safety regulations covering the personnel involved in the implementation and future users;
- **Environment**, intended as the development of projects that do not only comply with the applicable environmental standards, but also implement a policy based on minimized energy consumption by means of high-performance technologies, components and materials using alternative and renewable energy sources.

We're constantly busy:

- **Monitoring** the progress of the orders entrusted to the individual Shareholders, to highlight any critical issues that could generate dissatisfaction of the Stakeholder/Contracting Authority;
- **Collaborating** with the members in the resolution of any problems highlighted during the works management;
- **Taking action** when such issues cannot be solved by the concerned Member.



# A shared report

Materiality analysis

Politecnica's Eighth Annual Report incorporates and applies the main standards of the Global Reporting Initiative GRI Standards. The level of implementation of GRI Standards indicators is "Core".

The table at the end of the Report correlates the **GRI standards** and related disclosure numbers to the contents of the document.

The Annual Report refers to the data, projects carried out and services provided by the organization in 2018 and reports on our main projects, with a particular focus on Modena and Florence, where over **90%** of the staff is concentrated; special attention is also attached the to projects implemented abroad.

For 2018 too, the **materiality analysis** to identify the major issues was carried out, in association with the context analysis performed to update the Integrated Management System.

The defined contents and **indicators** of the Report were based on the results of the materiality analysis, linking the material issues to the indicators of the GRI guidelines.

The change in the reference standard (from G4 to GRI) has promoted a review of the contents determining the current Report.



Main work in progress in 2018

## LIGHT RAIL, LINE 3

Cagliari, Italy

### Together we go further

Addressing the needs of all those involved in a project was one of the founding values of the design of the **new Cagliari Light Rail**.

Together with Systra and the contractors CCC-CMSA, Salcef Group, Zanolla and Project Automation, we have signed a contract with the ARST of Cagliari. The involvement of so **many actors** requires **continuous constructive dialogue** to meet the demands of all the future users.

The new light rail will carry **7,000** potential passengers a day between "Repubblica" and "RFI, the railway" stations.

The designed route is about **2.5 km** long, with **6 stops**; it will use existing spaces and city configurations to fit naturally into the local reality. Every single detail of this works has been designed to lighten and requalify the city environment by reducing traffic and pollution, making **life easier for citizens**.

[...read more](#)

|            |                                                                                       |
|------------|---------------------------------------------------------------------------------------|
| Client     | ARST Azienda Regionale Trasporti della Sardegna (Sardinia Regional Transport Company) |
| Team       | Politecnica<br>Systra-Sotecni<br>Laut engineering                                     |
| Service    | Final and construction design                                                         |
| Assignment | Architectural, structural and MEP works                                               |
| Value      | 100 Mln €                                                                             |

**Sustainability issues** dealt with in company documents, such as Quality and Environmental policies, developed within the framework of ISO 9001, ISO 14001 and OHSAS 18001 certifications - the IMS procedures, the Code of Ethics, the policies on safety and personnel management have been evaluated.

The list of issues raised during the preliminary analysis was discussed in **dedicated focus groups**, in which members of the Board of Directors, Commercial Directors, Production Manager and Technical Directors were involved.

The approach type was **risk self-assessment**, assessing each issue according to its potential impact on business and reputation. There were no significant changes in the scope, framework or in the measurement and reporting methods used versus the previous Annual Report.

As a result of the materiality analysis carried out, the following **aspects** were found to be material for us throughout their framework:

■

●

⬡

◆

⬠

▲

Clients

Financing Agents

Donors

Sponsor

Community

Trade unions

★

★

★

High relevance

Medium relevance

Low relevance

| Material appearance Reason |                                                                        | Disclosure Number                                                                                                                                                                                                                 | Internal relevance      | External relevance |         |
|----------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------|---------|
| REGULATORY COMPONENT       | LEGISLATIVE COMPLIANCE                                                 | Company performance and business development can not disregard the observance of laws and regulations.                                                                                                                            | 419-1<br>307-1          | ★                  | ■ ●     |
|                            | PREVENTION OF CORRUPTION                                               | The prevention of corruption is the basis of our 231 model to ensure legislative and ethical compliance and integrity                                                                                                             | 205-1<br>205-2          | ★                  | ■ ● ●   |
| ECONOMIC COMPONENT         | ECONOMIC PERFORMANCE                                                   | It is essential to ensure Politecnica's ability to adequately remunerate the work of its staff and to demonstrate its reliability towards Clients and Funders.                                                                    | 201-1                   | ★                  | ■ ● ● ◆ |
|                            | BUSINESS DIVERSIFICATION AND DEVELOPMENT                               | Business diversification and development are key issues to face the rapidly changing market.                                                                                                                                      | 102-6                   | ★                  | ■ ●     |
|                            | MARKET PROFITABILITY                                                   | The increase in the profitability of the company's reference market allows to improve the economic performance and to increase the quality level of the product.                                                                  | 201-1                   | ★                  | ●       |
|                            | INDUSTRIAL RELATIONS                                                   | Relations with trade unions are essential to ensure the full participation of employees in the entrepreneurial effort of Politecnica.                                                                                             | 403-1<br>403-2<br>201-1 | ★                  | ▲       |
| COMPONENT SOCIAL           | ETHICS AND INTEGRITY                                                   | Our work is based on solid principles of Ethics and Integrity that we intend to adhere to, and we are aware that our clients too consider them as fundamental requirements in the evaluation of their suppliers.                  | 419-1                   | ★                  | ■ ● ●   |
|                            | RESPECT FOR LEGALITY                                                   | Promoting and ensuring compliance with the law by all staff of the organization in all areas of operation guarantees the ethics and integrity of the company.                                                                     | 419-1                   | ★                  | ■ ● ●   |
|                            | CONTRIBUTION TO THE DEVELOPMENT OF THE SOCIAL FABRIC                   | Politecnica contributes to the development of the social fabric by promoting social activities in its own field of activity, such as training courses, cultural events, seminars, etc.                                            | 102-12<br>102-13        | ★                  | ◆       |
|                            | CONFIDENTIALITY OF DATA                                                | Politecnica must guarantee adequate privacy to its clients, assuring the confidentiality of data processed for project purposes.                                                                                                  | 418-1                   | ★                  | ■       |
|                            | RESPECT FOR THE VALUES AND PRINCIPLES OF COOPERATION                   | Ensure respect for the values and principles of cooperation set out in the Declaration of cooperative identity and referred to in the company's Code of Ethics ensures the consistency of the company's identity.                 |                         | ★                  | ◆       |
|                            | CORPORATE IMAGE IN TERMS OF VALUES PERCEIVED BY CLIENTS AND THE MARKET | Consolidating a corporate image based on reliability, respect for legality, technical ability and quality, flexibility in addressing clients' needs ensures clients' loyalty.                                                     | 102-44                  | ★                  | ■       |
| HUMAN RESOURCES COMPONENT  | TRAINING AND ENHANCEMENT OF HUMAN CAPITAL                              | The People of Politecnica are the first and most important resource of the cooperative, to be guaranteed through constant training activities.                                                                                    | 404-1<br>404-2          | ★                  | ■       |
|                            | ATTRACTING TALENT                                                      | Politecnica ability to attract and retain highly qualified professionals within its staff is fundamental in order to ensure a high quality standard of service offered and to be able to diversify its services at the same time. | 203-1                   | ★                  | ■       |
|                            | HEALTH AND SAFETY AT WORK (H&S)                                        | Health and safety at work are essential elements in all Politecnica activities and specifically in the work management activities performed by Politecnica personnel on site.                                                     | 403-1<br>403-2          | ★                  | ■       |
|                            | LABOUR AND WAGE POLICIES                                               | Agreeing with the social entities concerned on labour and wage policies that are both sustainable for the firm and rewarding for the staff provides opportunities to address market contingencies.                                |                         | ★                  | ●       |
| COMPONENT TECHNICAL        | TECHNOLOGICAL INNOVATION                                               | The adoption of the most advanced design technologies allows Politecnica to be one of the market leaders for the activities within its competence and to expand its business opportunities.                                       | 203-1                   | ★                  | ■ ●     |
|                            | BUSINESS CONTINUITY                                                    | Defining an organizational system capable of guaranteeing services even in the event of exceptional events provides a competitive advantage and consolidates the relationship with customers.                                     | 102-44                  | ★                  | ■       |
|                            | SHORT-TERM PRODUCTION FLEXIBILITY                                      | Defining an organizational system capable of ensuring flexibility to production allows to promptly and effectively deal with changes in the client's priorities and timing.                                                       | 102-44                  | ★                  | ■       |
|                            | QUALITY AND RELIABILITY OF THE SERVICES PROVIDED                       | Assuring a high level of reliability and quality of services provided is essential for customer loyalty and market recognition.                                                                                                   | 102-44                  | ★                  | ■       |
|                            | RELIABILITY OF TECHNOLOGIES                                            | Ensuring the reliability of the technologies in use, in terms of both data integrity and software validation, is essential to assure the performance quality and adequacy.                                                        |                         | ★                  | ■       |
| ENVIRONMENTAL COMPONENT    | POLLUTION MITIGATION                                                   | Politecnica attention to the environment specifically concerns: the direct impact resulting from its CO2 emissions from transport and heating; the indirect impact of the designed buildings environmental performance.           | 302-1<br>305-1<br>307-1 | ★                  | ◆       |
|                            | ENERGY EFFICIENCY                                                      | Focusing on energy efficiency makes it possible to reduce the environmental impact of Politecnica activities and decrease operating costs.                                                                                        | 302-1                   | ★                  | ◆       |
|                            | ENVIRONMENTAL IMPACT OF THE SERVICES PROVIDED                          | The improvement of the environmental performance of the works designed and executed is a crucial aspect for the environmental sustainability of the firm.                                                                         | 302-1<br>305-1          | ★                  | ■       |

# Our Communication

Website, Social Network and Media Relations

Today integrated and multi-channel, the institutional communication of Politecnica is continuously working with its Stakeholders and its reference market.

In 2018, the **strategy of integrating online channels was consolidated** through coordinated communication between the website, Social Networks - particularly LinkedIn - and Media Relations activities with the press and online media.

The know-how in the sectors in which we stand out: from infrastructure to health care, from the use of technologies to multidisciplinary approach, to the distinctive ability to design in an integrated way, up to the vision of the project as a work at the service of the communities, have been **the main drivers in the development of communication activities** that aim to enhance the brand personality of Politecnica Building For Humans.

The strategic reorientation of our Communication, which began in recent years thanks to a new narrative approach that gives voice to our members, has continued in the past year leading to the achievement of **important goals in 2018**, including:





## Report scope

The year 2018

The Annual Report of Politecnica is issued every year at the General Members' Meeting and forms an integral part of the reporting documentation approved by the Board of Directors to accompany and illustrate the Financial Statements.

This document summarizes the activities carried out in 2018, in compliance with the criteria of "Materiality", "Stakeholder Inclusiveness" and "Sustainability and completeness context" provided by the GRI guidelines (Global Reporting Initiatives).

The Annual Report has been **prepared taking the Core option of the standards published by the Global Reporting Initiative (GRI) as a reference.**

The report drafting process implied identifying the most significant aspects to be reported in accordance with the **"principle of materiality"**.

All the data in the Report, both administrative and organizational, are abstract or processed contents from the available official documents; they are consistent with the analytical accounting, management control and the financial statements.

**The values shown refer to the activity of 2018 calendar year.**

During 2018, thanks to important contracts acquired in Denmark and Romania (final and construction design of the Zealand University Hospital in Køge and the extension of two new hospitals financed by the World Bank in Bucharest), we opened our Danish and Romanian **foreign branch offices.**

# Global thinking

Market

The Italian Public Contracts Code has maintained a **positive knock-on effect** on the engineering and architecture sector, which began in recent years, even if the latest regulatory signs suggest a reversal, which will have to be monitored especially for the future effects by 2020.

The year 2018 was **still a positive year** in value, with a slight decline in the number of tenders for engineering and architecture services: the comparison with 2017 shows a 2.5% decrease in the number of calls for tender proposals and increase by 4.6% in their value (source: the Osservatorio Oice/Informatel).

The percentage of our assignments acquired by tender has more than **doubled** when compared to 2017: increasing from **17% to 36%** of the total sum acquired in 2018, with a significant economic value amounting to **30%** of the total. The commitment of our members to the **technical quality** of the proposal offers in terms of **originality and innovation**, in addition to the targeted strategies of Partnership and selection of calls for tenders, have improved the success rate, doubling it versus the past one.

2018 was a particularly positive year: **our order portfolio increased by 28%** as against 2017, evidencing the effectiveness of the business action taken, of the loyalty of our the Clients, and finally of the strengthening of our presence in foreign markets of of remarkable interest for the qualified demand for professional services, such as the North European (Denmark) and Caribbean (Belize) markets.

+20%

of increase in the acquisition from tenders in Italy

+20%

of increasing the acquisition from the private market



consolidation and development in the Northern Europe, Romania and the Caribbean countries.

## Expanding sectors

HOSPITAL  
MONUMENTS RESTORATION  
URBAN REGENERATION  
RESTORATION OF INDUSTRIAL ARCHAEOLOGY  
INFRASTRUCTURE

37%

percentage of foreign turnover as against total value

+28%

increase orders portfolio versus 2017

+40%

increase in the assignments of the infrastructural sector

The commercial and productive effort on foreign markets has been reaffirmed, remaining a strategic theme for the future of the company and for the second consecutive year we have managed not only to achieve the target set in terms of **percentage of foreign turnover**, but also to exceed it, reaching **37%**.

Strategic objectives for 2020 still include consolidating our presence on the foreign market **maintaining these values** and further **strengthening our infrastructure sector**, in the **hospital field** and in the market for **major private clients**.

The market covered by private clients has shown signs of recovery, even in Italy, which have allowed us to **consolidate** existing relationships and to **increase** our portfolio by approximately **+20%** against the previous year, with new acquisitions of important Italian private clients.

We have addressed the **private market** giving **effective and multidisciplinary responses** to the clients' needs, increasingly characterized by complexity and vulnerability, thanks to our transversal and widespread organization in the territory.

**Milan** office has also proved to be increasingly strategic, continuing the activity to be present on the territory that we started in previous years and intensified during 2018.

In 2018, we continued participating in the European calls for tenders in **Research & Innovation and International Cooperation**, carrying on with the activity of the INTERREG Project called BhENEFIT.

Together with 12 international partners (universities, research centres, local authorities) we have researched on innovative forms of management of the historical centres in central Europe, producing ICT tools to assist management, based on the use of **GIS and HBIM technologies** and tested in some pilot areas, such as Mantua in Italy, Karlovac in Croatia and Bad Radkersburg in Austria.

The B.h.E.N.E.F.I.T. Project has also been included by the European Commission in an **e-book** dedicated to INTERREG projects on Cultural Heritage, which will be illustrated in **Brussels** in October 2019 during the European Week of Regions.



Main works in progress in 2018

**BHENEFIT PROJECT**

Central Europe

**Client**

European Commission

**Team**

Politecnica  
with 13 Partners

**Service**

WPT2 Head  
(World Package Technical 2)

**Assignment**

Implementation and development  
of research and monitoring tools

**Value**

1,8 Mln €



[...read more](#)



Main work in progress in 2018

**PORDENONE HOSPITAL**

Pordenone, Italy

**Community and country**

Today's hospital concept features large centres located outside the city context.

The new **Pordenone Health Centre** reviews this concept, **bringing the hospital closer** to the community and its future. In all projects for healthcare facilities, we focus our design process on the people to be hosted in the new structure.

Everybody's needs are considered to create **a shared public work** useful to patients, visitors and the medical staff of the current year and the ones to come.

Pinearq, Cooprogetti and Steam are the partners developing this **new hospital concept** with us.

A project gains particular significance when it is conceived and implemented for the general advantage of our country.

For this reason, we experience a dual **responsibility** in approaching this work for the public market: we feel responsible **towards the targeted community and towards the infrastructural future** of our nation.

[...read more](#)



|                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
| <b>Client</b><br>Ministry of Works of Belize<br>Funding: Caribbean Development Bank |  |
| <b>Team</b><br>Politecnica                                                          |  |
| <b>Service</b><br>Preliminary, final and construction design                        |  |
| <b>Assignment</b><br>Architectural, structural and MEP works                        |  |
| <b>Value</b><br>15 Mln €                                                            |  |

Main works in progress in 2018

HAULOVER BRIDGE

Belize City, Belize

A bridge to the World

Bridges, rather than being just physical structures, do always express the **nation's desire** to bring distant identities closer and cultivate a single one.

The **Haulover Bridge** project, which started as a tender submission for the Belize Ministry of Transport financed by the Caribbean Development Bank, allowed us to design **the first single bridge span** of this type in Central America.

The new link has a double-lane carriageway with two sidewalks, road lighting and safety devices.

The **BIM methodology**, used throughout all the design process, permitted the development of the project in line with the principles of **Climate Change Vulnerability** so as to make it safe and, above all, functional to the expectations of a country that wants to shorten the distances within its territory.

[...read more](#)

Local action

The contribution of local partners

The particular activity performed by Politecnica implies that part of the work is implemented locally, through partners operating in the area, such as regular suppliers or local staff. Our market does in fact cover the entire domestic territory as well as some significant experiences abroad.

**Local resources** demonstrate greater expertise in local knowledge and allow for **savings minimizing travel costs**.

That is why we are adopting the **policy of decentralization**, which also permits direct influence on the local economy, which goes far beyond offering jobs and paying wages and taxes.

Local collaboration can play different roles depending on the level of complexity of the assignment and the tasks related to it. Cooperation can be implemented through project-based contract agreements or sometimes by actual **partnerships** for tendering purposes or offers submission.

In any case, in carrying out the outsourced activities, the Supplier must comply with the applicable Procedures and Technical Instructions of our SGI.

The outsourcing of activities is always subject to discussion between the Project Manager, the Department Manager of the discipline concerned and the Disciplinary Manager designated for the specific works.

# Transparency and prevention

Crime prevention

The categories of Work Performance Indicators, Human Rights and Product Responsibility refer to the social impacts associated with specific stakeholder groups, such as **employees**, **collaborators** or **clients**.

For **greater transparency** on the subject we have adopted since 2010, within the framework of regulation 231, the Model of Organization, Management and Control for Crime Prevention reporting the analysis of the characteristics of the firm, the **Code of Ethics** and the Organizational Model 231 General Section and Special Section. For a detailed discussion of the matter, please refer to the specific document available on [www.politecnica.it](http://www.politecnica.it) website.

Any violations by Directors, Cooperative Members, Managers, Employees and our collaborators shall be subject to the disciplinary actions provided for in the Organizational Model 231, as approved by the Board of Directors.

In the year 2018, and in the previous ones, there were no disciplinary actions due to corruption, nor legal actions related to antitrust competition and monopoly practices.

In 2018, the Supervisory Board did not receive any reports of violation of the 231 Organizational Model, nor did it find any significant facts or omissions in this regard.

We also intend to use the system of reporting to the Supervisory Board for cases of violence or harassment in the workplace.

65%

of members in 2018 was trained in Code of Ethics and MOG231



Rating di legalità



Highest score achieved in the Legality Rating (3 stars)

# Product liability

Services offered and communities

Product liability refers to the effects of managing the services offered by Politecnica on public and/or private clients.

Politecnica conscientious activity duly assures that all designed works are appropriate for their intended use, thus avoiding unexpected risks to health and safety.

The number of non-compliance cases recorded, directly affecting the final product in the reporting period, is zero.

We are starting a **feedback monitoring system on the performed projects** aiming at:

- Receiving feedback on the actual level of client satisfaction;
- Verifying the solutions adopted to face the client's unexpressed needs;
- Testing the technological solutions for functionality, user-friendliness, compliance with requirements;
- Checking the components and materials used and their compliance with the declared and certified characteristics;
- Analyzing any design non-compliances.

A questionnaire to be filled in between the parties is the system's tool.

## Privacy

The **protection of Client Privacy** is a set objective in national regulations and company policies. Non-compliance means inadequate internal management system and procedures or their ineffective implementation.

This indicator provides an assessment of the adequacy of the management system and procedures implemented by the organization for the protection of customer privacy.

In the reported period, there were no administrative sanctions, nor complaints, regarding the Client Privacy management.

In 2018, we completed the revision and updating of the procedures related to the rules on Privacy in accordance with EU Regulation 2016/679, known as GDPR (General Data Protection Regulation).



|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Client</b>                                                                                                                  |
| Municipality of Ravenna<br>A.R.P.A.E. Emilia Romagna                                                                           |
| <b>Team</b>                                                                                                                    |
| Politecnica<br>Behnisch Architekten                                                                                            |
| <b>Service</b>                                                                                                                 |
| Preliminary, final and construction design,<br>works supervision, coordination of safety at<br>design and works implementation |
| <b>Assignment</b>                                                                                                              |
| Architectural, structural and MEP works                                                                                        |
| <b>Value</b>                                                                                                                   |
| 19 Mln €                                                                                                                       |

GREEN CITADEL

Ravenna, Italy

Responsibility for harmony

The new administrative offices to be built in Ravenna will cover 10,900 square meters, of which 5,450 will host the Municipality offices and 5,450 the new provincial headquarters of A.R.P.A.E., thus creating **a single reference pole for citizens**. The design focus was on **responsibility**.

Responsibility towards the people who will live in these buildings, which must be easy and pleasant to use, and responsibility towards the environment to create structures in harmony with the environment.

We started from the idea that this area should become a park and a comfortable garden.

Pedestrian paths, alleys, waterways and games, rows of trees and many other natural elements, guide people through the different areas perceived as a whole.

Indoor and outdoor environments were designed to make the transition between open and closed spaces as normal as possible, as if it were a shift between two similar environments.

[...read more](#)

Innovation and Quality

New technologies and certifications

Since the beginning of 2018 all new assignments are developed by BIM technology, now well tested and consolidated at Politecnica.

In 2018 we consolidated the plan for the adoption and use of a series of software and specialist tools in production:

- **BIM** (Building Information Modelling and Management) **technology**, with implementation of additional licenses;
- **Energy analysis** in dynamic mode: the IES-VE calculation software was complemented by the Sefaira software;
- **Structural calculation**: implementation of the CSI VIS and SCIA Engineer Expert Edition structural calculation software;
- **Project Management** according to international standards (SMEs);
- COGE **management** software;
- INNOVA **commercial database management** software.

The ability to operate with these tools and the specific planning methods of these platforms **has enhanced our competitiveness** by offering us new business opportunities in the private and public markets.

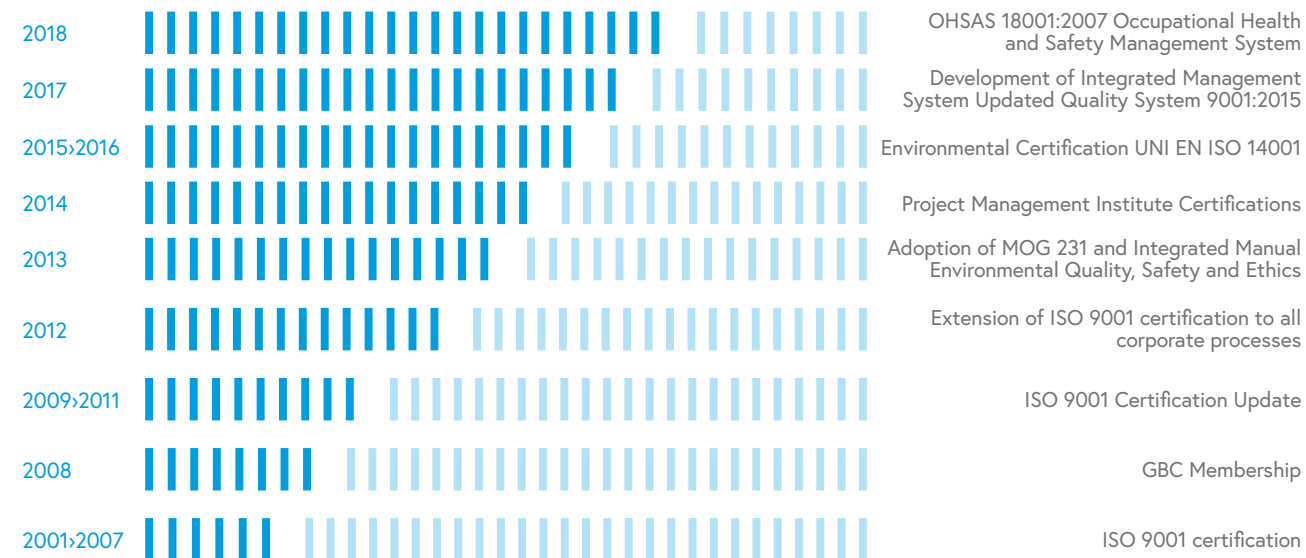
In 2018 too we invested approximately **4%** of our turnover **in new hardware and software equipment** and network infrastructure.

We do in fact believe that for a multidisciplinary design firm it is crucial to use cutting-edge design and drawing tools, based on **model sharing** and parametric management of design contents.

Corporate connectivity was further implemented by purchasing a new **fiber-optic connection**.



## Quality, Environment and Health certifications improvement



Client  
ISCOM SpA

Team  
Politecnica

**Service**  
Construction design, technical assistance,  
geometrical definition of the final envelope,  
the supporting structure and the roof

Assignment  
Structural roofing works

Value  
Confidential

## TOCUMEN AIRPORT ROOF

Panama City, Panama

## The complexity of innovation

In the design process, each element must comply with many rules, including: safety, functionality, simplicity and beauty. The Tocumen International Airport of Panama City, designed by **Foster+Partners**, was

a challenge that forced us to apply these rules in an innovative way pushing the limits of our creativity.

With its **700 meters** in length, 180 meters in transversal development, with continuously variable double curvature and very low gradient, this project required a **particular**

**design precision** in defining the envelope shape.

After developing the surface layout, we addressed the engineering of the structural elements forming the load-bearing component and the geometric shape to assure due **safety**, in addition to functionality.

This roof is made of thousands of pieces of varying sizes, **designed and built in Italy** by Italian companies and workshops, thus ensuring quality and beauty besides simplicity.

[...read more](#)

# Supporting social development

"Added value" at the service of the community

A constantly improving path involving also organizations and associations other than Politecnica, with topics of strong social impact.

Since 2003, we have complemented the Financial Statements with the Social Report, a useful tool for discussing all those aspects that cannot be addressed in the Financial Statements and the nature of our Cooperative for **greater transparency towards our members**.

Our economic performance is expressed in terms of **"added value"**, calculated by deducting from the revenues amount the costs incurred for the purchase of goods and services needed to achieve the revenue value.

The added value provides the reference for the quantitative data of the general account in the Corporate Social Report, evidencing how and how much wealth has been created **for the benefit of the community** as well as identifying the intended **interlocutors** of said benefit.

The added-value is currently shared between:

- Members;
- Employees;
- Suppliers;
- The Cooperative (for the remuneration of risk capital);
- The Public Administration (in the form of taxes and duties);
- Financers (for the remuneration of credit capital).

In 2018 we reversed the trend of recent years, **increasing the members' average remuneration**, which is now higher than both the previous years and the average of the reference Italian market.

In addition, the financial performance in 2018 made it possible to activate the **variable salary** mechanism, giving our employees the maximum bonus payable in connection with it.

The activities remunerated with the added-value included. Among others:

- Distance adoption through the **ONLUS Aid Centre for Ethiopia**;
- Contribution to the **National League of Cooperatives**;
- Participation in **OICE**;
- Contributions, through professional advice, to the Association **Dynamo Camp Onlus**;
- Support to **ANT** (National Cancer Association) by participating in prevention projects (Melanoma Project and Thyroid Project) which are carried out biennially in the company, in support of the education to prevention and early detection of cancer.

We participate, through our legal representative, in the board of directors of OICE, a trade association, a member of Confindustria, which represents the Italian organizations of engineering, architecture and technical and economic consulting.

Our CEO also holds the chairmanship of the **LegaCoop** Production and Services sector, to which the main Italian cooperatives in the engineering, construction and facility management sectors adhere among others.

As an OICE member, we are a member of **FIDIC**, (International Federation of Consulting Engineers), the international organisation for the standardisation of Contract Agreements in the construction sector.



# Community and rights

Shared objectives for sustainable development

## Corporate Social Responsibility

By the term Corporate Social Responsibility - CSR), the European Union today means the responsibility of the company for all its impacts on society. The compliance with the applicable legislation and collective agreements, signed with the social partners, is a prerequisite for the achievement of this corporate social responsibility.

One of the goals of our CSR policy is to contribute to sustainable development.

In order to achieve this goal, **the 2018 Annual Report was focused on the UN's Sustainable Development Goals (SDGs)**, highlighting all SDGs that can be assimilated to our activity.

Politecnica adopted the following principles:

- Accountability (responsibility and accounting);
- Transparency;
- Ethical behaviour;
- Respect for the interests of members;
- Respect for the principle of legality;
- Compliance with the rules of conduct;
- Respect for human rights.

## Health & Safety at work

We accept and comply with the guiding principle of **Community Directive 96/82/EC**, according to which the safety of a given work activity depends on the overall management criteria adopted by the organization.

Although the compliance with the requirements of Legislative Decree 81/08 was assured, we made the **Safety Management System** certified. This system was designed, manufactured and certified as per **OHSAS 18001:2007** and **INAIL UNI Guidelines**. From a documentary point of view, it is mainly based on the DVR (Risk Assessment Document), identifying prevention and protection measures and their implementation programme with annexes. Whereas, from a human point of view, it is based on a solid organizational structure for safety management.

Formal health and safety agreements with trade unions are in accordance with the Supplementary Contract Agreement.

We also report that, with reference to the referenced period, there was no loss in working days due to accidents at work, occupational diseases or deaths.



Personnel management

As a cooperative society, we have always considered the **People of Politecnica** (members, employees and collaborators) as **central and qualifying elements** of our activity.

The total payroll costs evidence the increase in staff remuneration with respect to the applicable national contract (CCL). This underlines and reaffirms our considerable attention to the distribution of added-value for the primary benefit of our People.

The table\* shows the classification of employees at 31 December 2018 and the average gross annual salary for each level. On average, the remuneration at Politecnica is higher than that provided for by the **Collective Employment and Labour Agreement**, valid throughout the country, and 100% of the employees is covered by the collective agreement.

We are characterised by a **high level of loyalty** and a **low turnover** of personnel: the cases of termination of employment in 2018 were exclusively due to retirement.

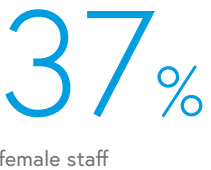
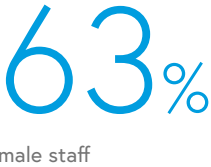
We ease the transition between work and retirement by providing the members over the age of 65 with a **progressive reduction in the workload** until their retirement age.

| 2018<br>CCL level | N°<br>staff | Breakdown<br>by gender | Contract<br>type          | Average gross<br>monthly wage | Gross annual salary |
|-------------------|-------------|------------------------|---------------------------|-------------------------------|---------------------|
| 1 Super           | 3           | 2 women, 1 man         | 3 full time               | 3.000,78                      | 42.010,88           |
| 1                 | -           | -                      | -                         | 2.738,45                      | 38.338,36           |
| 2A                | 6           | 2 women, 4 men         | 5 full time, 1 part-time  | 2.221,55                      | 31.101,70           |
| 2B                | 13          | 6 women, 7 men         | 11 full time, 2 part-time | 2.181,68                      | 30.543,52           |
| 3A                | 5           | 4 women, 1 man         | 3 full time, 2 part-time  | 2.047,06                      | 28.658,84           |
| 3B                | 3           | 2 women, 1 man         | 3 full time               | 1.900,68                      | 26.609,52           |
| 3C                | 6**         | 2 women, 4 men         | 5 full time, 1 part-time  | 1.851,31                      | 25.918,34           |
| 3                 | -           | -                      | -                         | -                             | -                   |
| Training          | 2           | 2 men                  | 2 full time               | -                             | -                   |
| 4S                | 2           | 2 women                | 1 full time, 1 part-time  | 1.772,11                      | 24.809,54           |
| 4                 | -           | -                      | -                         | 1.692,27                      | 23.691,78           |
| 5                 | -           | -                      | -                         | 1.552,69                      | 21.737,59           |

\* Source: Finpro Soc. Coop.  
\*\* Including two trainees

Training

The 2018 data show that our commitment to keeping our People's **skills up to the technical challenge remains very high**, ensuring a constant cutting-edge technological standard.



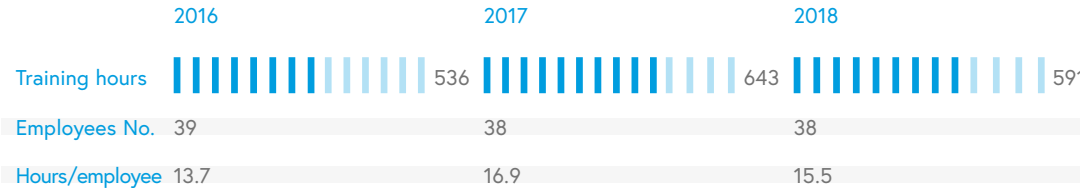
Gender policy

Since 2011, we have adhered to the **Charter for Equal Opportunities and Equality at Work** promoted by the Sodalitas Foundation.

By such adherence we do in fact commit, in full coherence with existing gender policies, to pursuing **the promotion of pluralism and inclusive practices** in the world of work and to contributing to combat all forms of discrimination.

The plurality of ways and views introduced by women operating in fields traditionally occupied by men - has recently brought in **a unique and essential heritage** for the empathetic and human approach to design.

In Politecnica there is gender equality in wage in the reported period and, in previous years, there were no cases of discriminatory practices.



# Sustainable future

## Environmental aspects

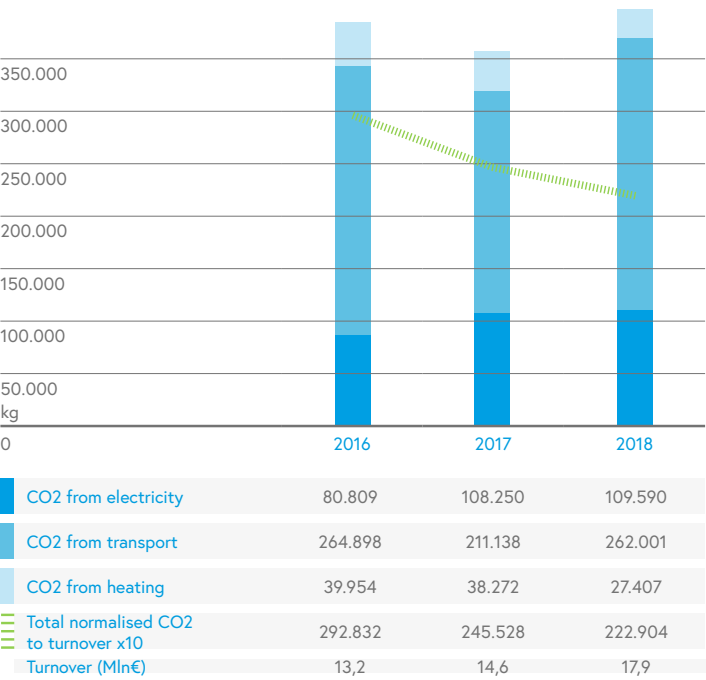
The typical activity of our company implies that the main environmental indicators, in terms of **direct environmental impacts**\*, are primarily referred to energy consumption and raw materials needed for the performance of the services in which the company is interested.

However, the **potential indirect environmental impacts**\* of the designed works or related to the Works Management/CSE (Safety at Execution Stage) activities, are much more significant than the direct impacts.

\* Refer to the **2018 Environmental Analysis** for the standards, methodologies, processes and conversion sources used to calculate direct and indirect impacts.

### Direct impacts: consumptions

Total CO2 produced

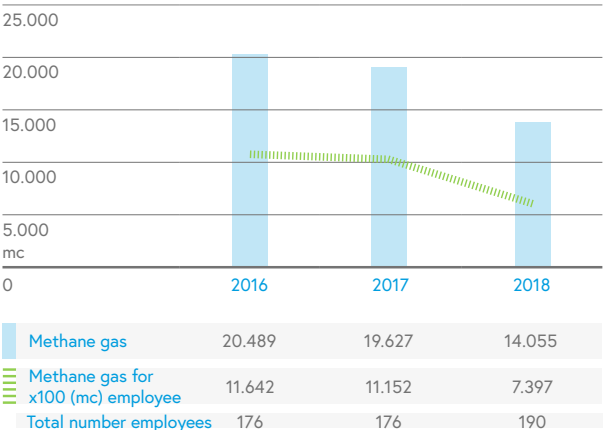


Tons of CO2 equivalent and GWP (heat pumps)

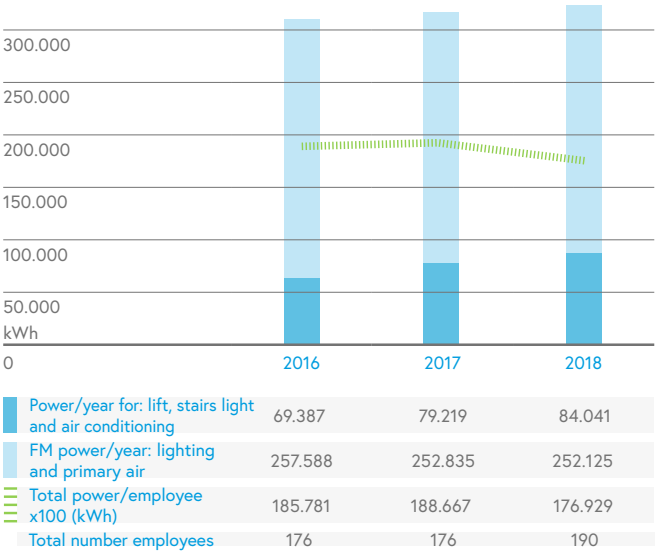
Modena 2018 174 t CO2 equivalent (GWP 2088)

Florence 2018 9 t CO2 equivalent (GWP 2088)  
27 t CO2 equivalent (GWP 1744)

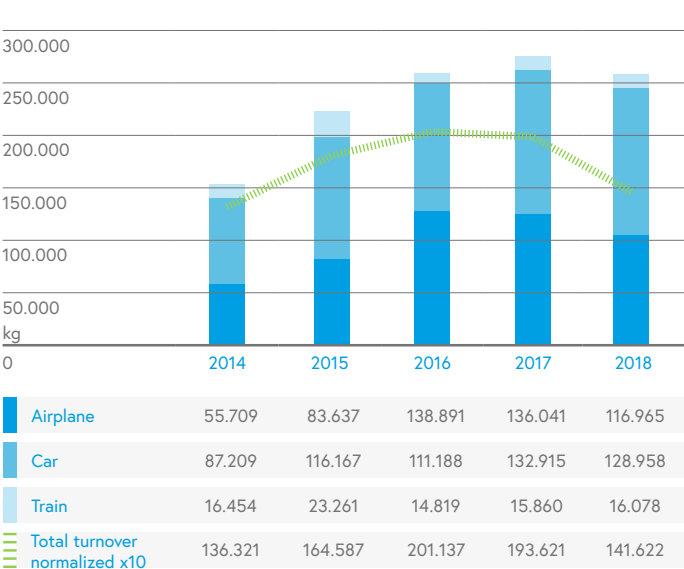
Methane gas for office heating



Power

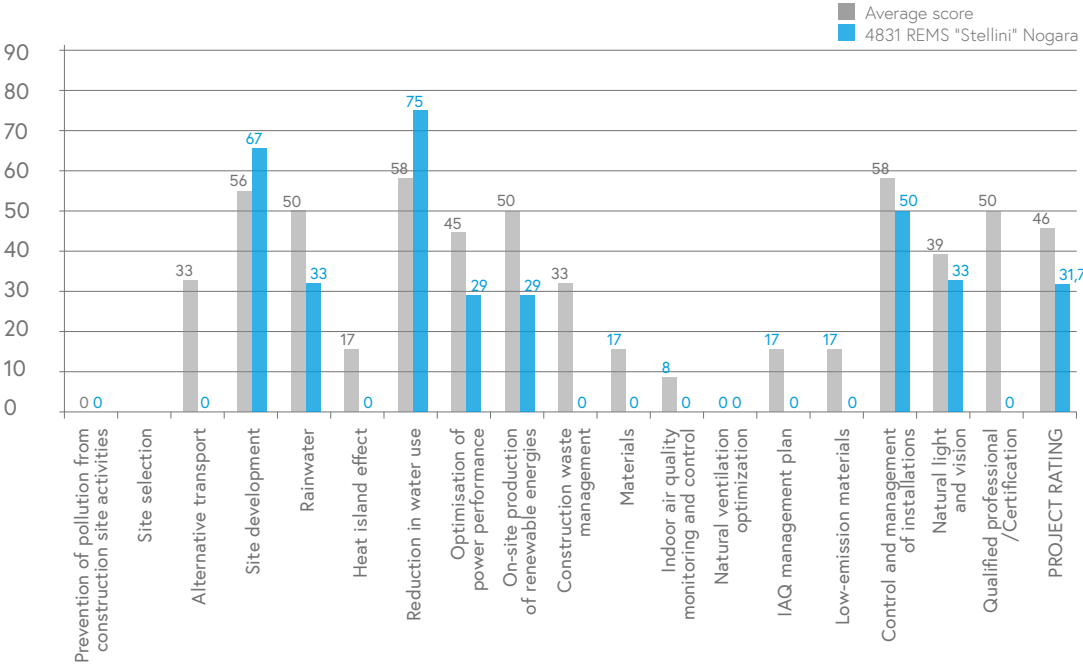


CO2 from transport means





Indirect impacts: environmental assessment sheet scores 2018



Indirect impacts: summary of energy performance (projects 2016-2018)

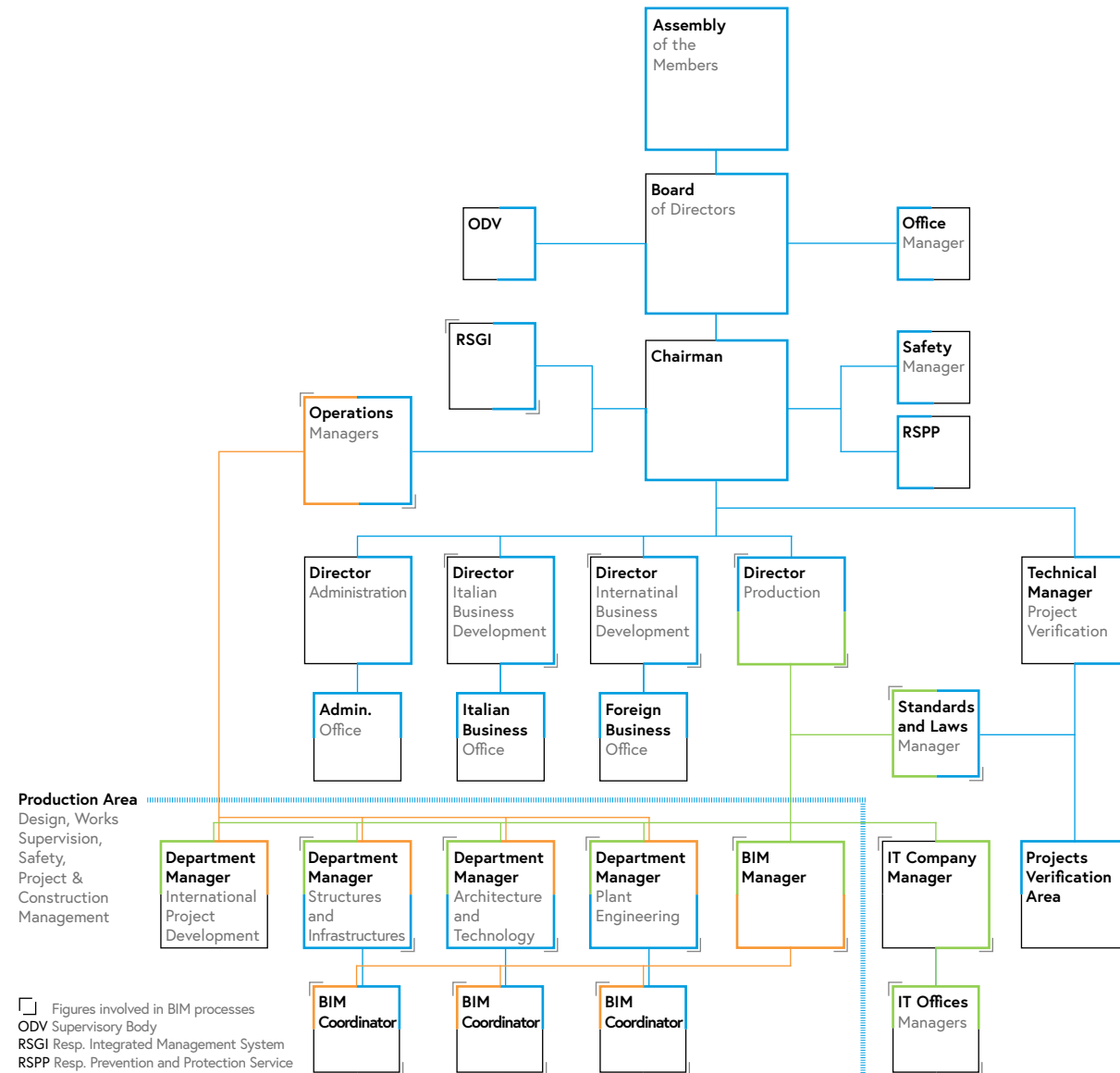
|      |      |                                                        | Useful energy surface (sqm) | Gross redemption volume | Epgl,nren | Epgl,lim | Reduction |
|------|------|--------------------------------------------------------|-----------------------------|-------------------------|-----------|----------|-----------|
| 2016 | 4701 | Sassatelli Elementary School canteen                   | 497,65                      | 3738,96                 | 123,82    | 224,24   | 44,78%    |
| 2016 | 4445 | "Vilfredo Pareto" student residences                   | 27264,24                    | 6173,91                 | 93,82     | 130,44   | 28,07%    |
| 2016 |      | Average percentage reduction                           |                             |                         |           |          | 40,25%    |
| 2016 |      | Percentage reduction weighted by heated volume         |                             |                         |           |          | 34,38%    |
| 2017 | 4742 | Restoration ex Estanco Zirulia University of Sassari   | 8282,91                     | 36387,25                | 128,2     | 242,21   | 47%       |
| 2017 | 4732 | "Antica Scuola dei Battuti" health care residence      | 1571,77                     | 6679,25                 | 159,35    | 342,12   | 53%       |
| 2017 | 4790 | University of Verona Educational Laboratories          | 19037,99                    | 76,5                    | 130,18    |          | 41%       |
| 2017 | 4670 | Works Supervision Zooprophyllactic Institute of Verona | 7478                        | 10,3                    | 16,3      |          | 37%       |
| 2017 | 4641 | Extension of Varignana Resort & SPA                    | 16673,7                     | 16673,7                 | 38,31     | 63,75    | 40%       |
| 2017 |      | Average percentage reduction                           |                             |                         |           |          | 43,69%    |
| 2017 |      | Percentage reduction weighted by heated volume         |                             |                         |           |          | 44,00%    |
| 2018 | 4846 | Guidotti Gymnasium                                     | 4822,06                     | 12706,4                 | 119,51    | 180,42   | 34%       |
| 2018 | 4860 | Colombara                                              | 1062,83                     | 1849,1                  | 191,40    | 241,41   | 21%       |
| 2018 | 4860 | Rio Rosso                                              | 862,09                      | 1235,03                 | 104,65    | 124,57   | 16%       |
| 2018 | 4883 | ex Alghero Cotton factory                              | 8474,16                     | 16069,5                 | 237,94    | 283,78   | 16%       |
| 2018 | 4850 | Würth                                                  | 11737,68                    | 52838,18                | 102,16    | 114,1    | 10%       |
| 2018 |      | Average percentage reduction                           |                             |                         |           |          | 19,42%    |
| 2018 |      | Percentage reduction weighted by heated volume         |                             |                         |           |          | 15,34%    |

People and places



## Governance

Cooperative organization



## Members

## Experience and plurality

Engineers, architects and technical experts who share their passion for people-oriented work and vision of design, with focus on respect for community and the planet.

We are an engineering cooperative firm with limited liability.

**45 members** form Politecnica's heart. Their experience, combined with the interdisciplinary approach adopted since the firm start, allows to rely on an **integrated, compact and confident team**.

A group of people who **share values, lead the way into the future** and look to the new challenges of technology and innovation.



Pietro Accolti Gil | Fatima Alagna  
Marco Balestrazzi | Francesco Barone  
Emanuela Becchi | Stefano Caccianiga  
Giuseppe Cacoza | Fabio Camorani  
Alberto Castro

Massimo Cavazzuti | Alessandro Cecchelli  
Denis Chiappelli | Tommaso Conti  
Andrea Dal Cerro | Francesca Federzoni  
Massimo Fiorini | Rita Franciosi  
Barbara Frascari

Francesco Frassinetti | Cristina Fregni  
Paola Gabrielli | Luciano Gasparini  
Beatrice Gentili | Corrado Giacobazzi  
Micaela Goldoni | Alessio Gori  
Marcello Gusso

Andrea Lucarelli | Stefano Maffei  
Marcello Mancone | Umberto Mazzini  
Davide Messori | Paolo Muratori  
Claudio Pongolini | Marco Righi  
Stefano Ripari

Claudia Romero | Giovanni Romiti  
Ferdinando Sarno | Giulio Selmi  
Enea Sermasi | Stefano Simonini  
Gianfranco Tedeschi | Alessandro Uras  
Luciano Viscanti

# People

Specialized teams to approach complex challenges

Politecnica is an intergenerational cooperative, capable of making the renewal and continuous integration of young professionals one of its main strengths.

In 2018 the process of continuous renewal of the social base continued by the use of the **Special Partner** position, who has proved very useful for the guided integration of young professionals in the cooperative life.

To date (first quarter of 2019) **there are 6 special members** (categories pursuant to Article 2527, para.3 of the Italian Civil Code and Politecnica Memorandum of Association): **all of them became members in the last year.**

Our **highly specialized network**, facing and solving the most complex challenges, is formed of 45 members and 38 employees, over **100 collaborators**, distributed in the various locations.

**100%** of our employees are covered by the national collective agreement governing professional firms, integrated by the **"Supplementary Agreement"** renewed for the three-year period 2015-2018, with important improvements in terms of the firm's remuneration and welfare.

In 2018, the maximum **variable salary** of €1,100 gross was paid. A new article on welfare issues has been inserted for flexible work, aimed at improving the reconciliation of working and living times, which will allow part of the work to be carried out in locations other than the firm offices.

## Training

The number of days stated by law for paternity leave has been increased from 4 to 11 days.

The chapter on harassment in the workplace is innovative, providing the employees with **training** and the victims of such behavior with the firm's psychological and legal protection.

Finally, **the solidarity time bank** was introduced, allowing the workers to give some of their hours of leave to colleagues needing them for the care or assistance to family members.

To reward this solidarity mechanism, the company will also double the number of hours given up to help the worker.

In 2018, we invested significant resources in the training of our employees, providing **591 hours** of training. In addition to the in-house training of staff, **we cooperate with training bodies and institutions** to organize stages in Politecnica, involving Italian and foreign students from universities and technical colleges. Moreover, we have promoted the BIM master organized by the **University of Ferrara**.

We are committed to offering our training contribution also abroad, intending to bring added value in terms of advanced infrastructure and creation of **synergies and exchange of professional skills** with our partners and customers.

In this aim, we organize on-site training sessions to show local professionals our best practices.

To date, all our projects encompass such **"exchange of knowledge"**, leaving the customer or partner involved the right to benefit from this training opportunity.

45

members: engineers, architects and technicians

+100

collaborators in various locations

38

employees in several offices

# History and places

Building For Humans

The modern spirit of cooperatives and how to harmonize the traditional principles with today's values are increasingly being discussed.

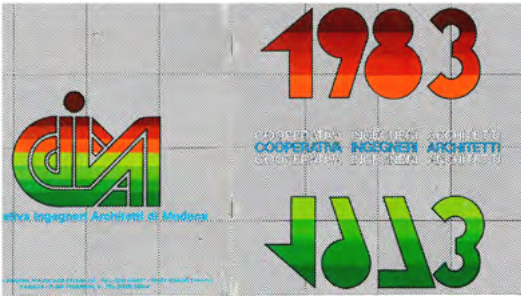
To understand this, you may question yourself about what a Cooperative really is today. We have been thinking about it since **1972**, when our Cooperative was established in Modena. Nine engineers and architects decided to give their activity a cooperative form, founding C.I.A. Cooperativa Ingegneri e Architetti s.c.r.l..

Since then, we are increasingly convinced that the true cooperative spirit will recover if we act **together and not individually**.

This concept gave birth in **1994** to Politecnica Ingegneria ed Architettura Soc. Coop., after the merger with C.I.A. of I.F. Idroforma associated studio of Florence and Tecnoprogetti of Bologna.

The responsibility to **design in an integrated way** some structures to be used and lived by millions of people, leads us to ask ourselves if we can do our bit to communicate the cooperatives value to society.

Every year **we support initiatives** conveying this value, such as the participation in the **Milano Marathon**. We have increased the staff number from 3 to 10 persons, thus expanding our office in Milan, the nineteenth one among others spread all over the world. We have set up **a branch office in Copenhagen**, providing the starting point of the delegation of technicians and specialists from the Danish health sector, which we accompanied to visit the excellent hospitals in our area.



## Our spaces in the world

|                   |                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Registered Office | Modena                                                                                                                                                                                                                 |
| Headquarters      | Milan<br>Florence<br>Catania                                                                                                                                                                                           |
| Foreign Branches  | Sliema Malta<br>Istanbul Turkey<br>Bucarest Romania<br>Copenaghen Denmark                                                                                                                                              |
| Site Offices      | Rize Turkey<br>Van Turkey<br>Yerevan Armenia<br>Kinshasa Dem. Rep. Congo<br>Freetown Sierra Leone<br>Panama City Panama<br>Addis Abeba Ethiopia<br>Nairobi Kenya<br>Belmopan Belize<br>Otopeni Romania<br>Køge Denmark |

## TRAVEL AFRICA IN MILAN

The changes in the world are certainly operated through great events, but they often arise from **small collective initiatives**, the so-called **tipping points** of human history: moments in which a small change means a turning point for an entire society.

Our donation to the Milano Marathon was offered to the **Fratelli dell'Uomo** association, dealing with food safety projects, biodiversity protection, climate change combat and creation of income opportunities for the populations of **16 villages** in the **Méckhé area in Senegal**.

We will support the rehabilitation of water wells and the installation of photovoltaic systems promoting a **model of sustainable agriculture** for the environment and people.

[...read more](#)



## THE DANISH TRIP

We often forget, although we talk about it, that the society's richness in culture and knowledge increases, and becomes tangible, only if **shared**.

Every project we undertake enhances the value of the people involved just because they share it.

Sharing our knowledge was the intention that guided us when we hosted the major **Stakeholders of the Danish health system**. Visiting the main national hospitals and health centres - similar in complexity to the project of the new **Zealand University Hospital in Køge** - we shared with them the best Italian knowledge in Healing Facilities.

Such knowledge places the **well-being** of patients, visitors and medical staff **at the heart of the design** and construction process.

[...read more](#)





# Designing the Report

Method of reporting

The Report is the result of a team work where all Politecnica People directly or indirectly participated.

The Department dealing with the Integrated Management System (Quality, Environment and Safety) is responsible for drafting the Annual Report. The data submitted were provided to and, where necessary, processed by all the cooperative departments for the relevant parts.

The Report is not subject to external auditing; it has been **approved by the Board of Directors** as an integral part of the annual report on the Financial Statements.

For any further information please contact **Politecnica Ingegneria ed Architettura Soc. Coop.**

## Team Annual Report

|                                   |                                                                                       |
|-----------------------------------|---------------------------------------------------------------------------------------|
| CEO                               | Francesca Federzoni                                                                   |
| Integrated Management System Head | Rita Franciosi                                                                        |
| Integrated Management System Team | Barbara Frascari<br>Alessio Gori<br>Stefano Ripari<br>Alberto Secci<br>Davide Messori |
| Production Director               | Francesco Barone                                                                      |
| Administrative Director           | Denis Chiappelli                                                                      |
| Italian Business Head             | Beatrice Gentili                                                                      |
| Foreign Business Head             | Enea Sermasi                                                                          |
| RSPP                              | Emanuela Becchi                                                                       |
| Graphic Design                    | Andrea Tatini                                                                         |

## Contacts

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Registered Office | Modena<br>Via Galileo Galilei 220<br>41126 Modena (MO)<br>Italia |
| Tel               | +39 059 356527                                                   |
| Fax               | +39 059 356087                                                   |
| Email             | info@politecnica.it<br>international@politecnica.it              |



www.politecnica.it

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Francesca Federzoni, CEO Politecnica