THE ITALIAN INDUSTRY 4.0 COMPETENCE CENTER FOCUSED ON BIG DATA

COMPANY PROFILE
OVERVIEW ON BI-REX

Who we are

BI-REX is one of the 8 Italian Competence Centers funded by the Italian Ministry of the Economic Development within the Industry 4.0 National Plan.

Our public-private Consortium, born in 2018, is located in Bologna (Italy) and gathers in partnership 60 players among Universities, Research Centers and Companies of excellence. BI-REX is the only Italian Competence Center with an industrial leadership and our main focus is on Big Data.

Our Mission

- Support companies in their digitalization and innovation processes and in the adoption of enabling technologies with a view to Industry 4.0.
- Facilitate the exchange of “best practices” and Technology Transfer.

CLICK HERE TO WATCH OUR VIDEO PRESENTATION
OVERVIEW ON BI-REX

Our structure

We operate within a completed headquarter that allows us to provide activities and services. Our structure covers 1,500 square meters inside the Opificio Golinelli, place of contamination for training, research and business activities: this choice has the specific goal to support industrial culture, promote networking and share of new concepts and technologies.

We are an important aggregation point of public and private excellences and we aim to strengthen the network among all players involved in digitalization, innovation and training projects, with a view to Industry 4.0.
OUR PARTNERS

12 Institutions

27 End Users

21 Technology Service Providers

7 Industries
OUR PARTNERS

48 Companies

- > 300,000 direct employees
- Aggregate turnover > 100 billion Euros
- > 200 Technology Transfer (TT) projects
- > 11,000 patents

12 Institutions

- 5 universities, 4 research centers, 1 business school, 1 private foundation, 1 innovation institution
- > 1,500 TT projects, 5,000 publications, 35 departments, 2,000 research fellows, 1,500 PhD students, 300 projects funded by competitive calls for a total > 20 million Euros
- Cineca + INFN -> 90% of national computing capability; global leadership in computing speed/BIG DATA (supercomputer of Tecnopolo)
OUR ECOSYSTEM

BI-REX and our Partners

- European Digital Innovation Hubs & Competence Centers
- Industrial research Labs, Emilia-Romagna Infrastructures (Technopoles)
- Italian Competence Centers (7)
- Emilia-Romagna Digital Innovation Hubs
- Industrial Associations
- The players of Emilia-Romagna Smart Specialization Strategy (S3)

OUR EDUCATION INNOVATION INSTITUTIONS
THE ROLE OF OUR PPP

1. Encouraging cooperation between public and private (companies, universities, organizations, research centers)

2. Transferring skills, technologies, excellence and resources, in order to support collaboration activities

3. Contributing to the territory's growth and encouraging the creation of professionals able to operate in Industry 4.0 context

4. Enhancing training, skills and potential of the trainees we host at our headquarters, improving their skills

5. Making research and development processes more fluid, supporting technological innovation processes

6. Supporting “made in Italy” system, to make it more competitive on international markets
An orientation, training and consultancy system for companies, closely integrated with the Digital Innovation Hubs

A wide ecosystem including industrial innovation projects and collaborative public-private industrial research projects

Dedicated areas within our structure where conferences, meetings, training and coworking activities can be implemented

A Pilot Plant where Industry 4.0 enabling technologies can be implemented and optimized
8 THEMATIC AREAS

1. Big Data for Sustainability
2. Big Data for Manufacturing
3. ICT for machines and production lines
4. Advanced systems to manage production processes
5. Security & Blockchain
6. Additive & Advanced manufacturing
7. Collaborative Robotics, Warehousing and AGV
8. Sustainability and Social Responsibility
## IMPLEMENTED ACTIVITIES & KPIs

### Implemented activities

<table>
<thead>
<tr>
<th>Activity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue and assignment of 3 public calls for innovation projects</td>
<td></td>
</tr>
<tr>
<td>Pilot Plant completion and 5G «bubble»</td>
<td></td>
</tr>
<tr>
<td>Realization of Services Catalog</td>
<td></td>
</tr>
<tr>
<td>Organization of webinars and thematic workshops</td>
<td></td>
</tr>
<tr>
<td>Finalization of over 90 training courses</td>
<td></td>
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<tr>
<td>Creation of screening activities and Best Practices in Covid-19 field</td>
<td></td>
</tr>
<tr>
<td>Launch of Industry 4.0 Observatory</td>
<td></td>
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<tr>
<td>Launch of BI-REX for Life Science</td>
<td></td>
</tr>
<tr>
<td>Euro HPC integration and preparation of &gt; 10 European projects for SMEs</td>
<td></td>
</tr>
<tr>
<td>Application of BI-REX ++ as EDIH</td>
<td></td>
</tr>
</tbody>
</table>

### Public Calls

- 3 Calls assigned
- 35 Projects financed
- 88 Companies awarded
- 12 Industries involved

### Agreements & networking

- 70 Collaborations initiated (conventions & agreements)
- 510 Companies met
- 650 Pilot Plant visits

### Webinars

- 49 organized (online)
- 3,377 Participants
- 1,785 Participating Companies

### Training Courses, Workshops, Events

- 41 organized (in presence and online)
- 3,927 Participants
- 1,498 Participating Companies
- 90 Courses in the Catalog
- 30 Courses available online
- 20 Courses lined up
THE 8 COMPETENCE CENTERS

- **MADE**
  - 4 Universities + 1 Public Body
  - + 39 Companies
  - **DEMONSTRATION ISLANDS ON KEY ENABLING TECHNOLOGIES**

- **CIM4.0**
  - 2 Universities + 23 Companies
  - **MANUFACTURING 4.0**

- **STRATEGIC INFRASTRUCTURE SECURITY and OPTIMIZATION**
  - 4 Public Bodies + 33 Companies

- **START4.0**
  - 127 Members including 35 Founders, 13 Research Bodies, 97 Companies, etc.
  - **ADVANCED ROBOTICS and ENABLING DIGITAL TECHNOLOGIES**

- **SMACIT**
  - 8 Universities + 4 Public Bodies
  - + 30 Companies
  - **SOCIAL, MOBILE, ANALYTICS, CLOUD, IOT**

- **bi-rex**
  - 5 Universities + 7 Public Bodies
  - + 48 Companies
  - **BIG-DATA and ADDITIVE MANUFACTURING**

- **5 Universities + 1 Public Body**
  - 30 Companies

- **SOCIAL TECHNOLOGIES and BLOCKCHAIN**
  - 8 Universities + 2 Public Bodies
  - + 37 Companies
  - **CYBER-SECURITY**

- **CYBER 4.0**
  - 7 Universities + 2 Public Bodies
  - + 37 Companies
OUR SERVICES

- Test-Before-Invest
- Innovation Projects
- Orientation
- Access to Grants
- Training
- Open Innovation
- Consulting
- Location
To present our services we realized a dedicated event: click on the poster to discover more

CLICK HERE TO DOWNLOAD OUR DETAILED CATALOGUE
PUBLIC CALLS FOR INNOVATION PROJECTS
A KEY ACTIVITY FOR BI-REX

**Main features of our calls**

The calls for the realization of **innovative and industrial research projects** represent a cornerstone among our activities: we have already **issued three calls** for companies.

Among all Italian Competence Centers, **BI-REX is the one which allocates most of MISE co-financing to industrial research projects**: the goal is to accelerate the innovation processes of companies.

**The total amount** allocated for our calls is **5.4 million Euros**, in order to **finance more than 30 innovation projects**.
BI-REX CALLS

The Goals

Creating innovation and development opportunities

Implementing public-private collaborative applied research projects

Improving and innovating production processes, products, business and organizational models

The principles

1. Innovativeness of project proposals
2. Quality of Industrial Plan implementation
3. Aggregation/Partnership among two or more companies
4. SMEs involvement in partnership agreement
5. Collaboration with Universities and Research Centers
BI-REX PUBLIC CALLS FIGURES

3 Public Calls launched and assigned

5,4 Million Euros allocated

+7 Million Euros Corporate investments activated

35 Projects
>50 Use cases

88 Companies awarded

12 Industries involved
# THE FIRST BI-REX CALL

<table>
<thead>
<tr>
<th>Area</th>
<th>N. Projects</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Data for Sustainability</td>
<td>3</td>
<td>600.000 €</td>
</tr>
<tr>
<td>Big Data for Manufacturing</td>
<td>4</td>
<td>750.000 €</td>
</tr>
<tr>
<td>ICT for machines and production lines</td>
<td>2</td>
<td>400.000 €</td>
</tr>
<tr>
<td>Advanced systems to manage production processes</td>
<td>2</td>
<td>340.000 €</td>
</tr>
<tr>
<td>Security &amp; Blockchain</td>
<td>1</td>
<td>160.000 €</td>
</tr>
<tr>
<td>Additive &amp; Advanced Manufacturing</td>
<td>3</td>
<td>500.000 €</td>
</tr>
<tr>
<td>Collaborative Robotics, warehousing and AGV</td>
<td>2</td>
<td>350.000 €</td>
</tr>
</tbody>
</table>
## THE SECOND BI-REX CALL

- **7 Projects**
- **1.2 mln € - Allocated Budget**
- **4 Thematic Areas**

<table>
<thead>
<tr>
<th>Area</th>
<th>N. Projects</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustainability and Social Responsibility</td>
<td>2</td>
<td>300.000 €</td>
</tr>
<tr>
<td>Advanced systems to manage production processes</td>
<td>3</td>
<td>500.000 €</td>
</tr>
<tr>
<td>Security &amp; Blockchain</td>
<td>1</td>
<td>200.000 €</td>
</tr>
<tr>
<td>Collaborative Robotics, warehousing and AGV</td>
<td>1</td>
<td>200.000 €</td>
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</tbody>
</table>
### THE THIRD BI-REX CALL

<table>
<thead>
<tr>
<th>Area</th>
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<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT for machines and production lines</td>
<td>1</td>
<td>100.000 €</td>
</tr>
<tr>
<td>Advanced systems to manage production processes</td>
<td>4</td>
<td>400.000 €</td>
</tr>
<tr>
<td>Security &amp; Blockchain</td>
<td>2</td>
<td>200.000 €</td>
</tr>
<tr>
<td>Additive &amp; Advanced Manufacturing</td>
<td>1</td>
<td>100.000 €</td>
</tr>
<tr>
<td>Sustainability and Social Responsibility</td>
<td>3</td>
<td>300.000 €</td>
</tr>
</tbody>
</table>
**THE 35 INNOVATION PROJECTS**

### BIG DATA SUSTAINABILITY
- Smart City Services for Circular Economy and Sustainable Applications
- Big Data for Prevention Models Development to support precision medicine in the oncology sector
- Integrated IoT-Cloud platforms for Facility Management Services

### BIG DATA MANUFACTURING
- Big Data for Optimization and Reconfiguration of Production Lines
- Productive Processes Management through Edge Computing
- Integration Technologies Connected IoT
- Integration Solutions with Low Latency and High Availability Industrial Cloud

### ICT MACHINES & PRODUCTION LINES
- Platforms for the production process optimal maintainance
- Predictive Diagnostics based on Data Analytics and Machine Learning Techniques
- Platforms for the management of technical documentation through Augmented Reality (AR)

### ADVANCED SYSTEMS FOR PRODUCTION PROCESSES
- Traceability of Products and Processes in Real Time (2 projects)
- Visual Inspection / Selection for quality control
- Digital Twin for production lines configuration of complex services and systems (2 projects)
- Platforms for the management of production systems through Augmented Reality (AR)
- Digitalization of processes, services and 4.0 technologies applied to Healthcare Structures systems (2 projects)
- Digital Twin for cold forming of automotive components
THE 35 INNOVATION PROJECTS

SECURITY & BLOCKCHAIN
- IoT Connected Security Platforms in Distributed Production Lines
- Distributed and secure platforms for data sharing between interconnected objects and for servitization
- Management of document flows in the logistics field
- Platforms for data collection and certification related to crops for food purposes

ADDITIVE & ADVANCED MANUFACTURING
- Design for AM Metal components
- Development of AM Technologies for Metal material
- Tailor made Prosthesis Design and implementation for Surgical Replacement
- Cooling systems to improve the energy efficiency of electronic power converters

COLLABORATIVE ROBOTICS, WAREHOUSING & AGV
- Collaborative Robotics for Productive Processes
- Flexible Automatic Transport Systems (AGV / LGV / Collaborative Vehicles) and Advanced Storage Systems
- Automation for assembly of lithium cells and batteries

SUSTAINABILITY AND SOCIAL RESPONSIBILITY
- Optimization of agrovoltaic systems management
- Traceability of tomato supply chain in the field of precision and interconnected agriculture
- Development of Electric Powertrain for high performance motorcycles
- Sustainable heat (2 projects)
**COMPLETED PROJECTS: IPPODAMO**

<table>
<thead>
<tr>
<th>Name</th>
<th>Interactive Planning Platform for city District Adaptive Maintenance Operations - <strong>IPPODAMO</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>BI-REX call</td>
<td><strong>Call 1</strong></td>
</tr>
<tr>
<td>Area</td>
<td>Big Data for Sustainability</td>
</tr>
<tr>
<td>Sub-area</td>
<td>IoT - Cloud integrated platforms for Facility Management services</td>
</tr>
<tr>
<td>Objectives</td>
<td>The IPPODAMO project aims to prototype development of an advanced planning system based on a data integration platform inherent to city, citizen, and urban facility management services</td>
</tr>
</tbody>
</table>

**Scientific Partnership:**

**WATCH ON YOUTUBE THE EVENT PRESENTATION**
**COMPLETED PROJECTS: BDFM**

<table>
<thead>
<tr>
<th>Name</th>
<th>Big Data 4 Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI-REX call</td>
<td>Call 1</td>
</tr>
<tr>
<td>Area</td>
<td>Big Data for Manufacturing</td>
</tr>
<tr>
<td>Sub-area</td>
<td>Big Data for Optimization and Reconfiguration of Production Lines</td>
</tr>
<tr>
<td>Objectives</td>
<td>The project aims to overcome the limitations of the main analytics solutions available on the market and to build a Big Data platform of general applicability in Industry 4.0</td>
</tr>
</tbody>
</table>

WATCH ON YOUTUBE THE EVENT PRESENTATION
## COMPLETED PROJECTS: 5G CONNECT

<table>
<thead>
<tr>
<th>Name</th>
<th>Integration of IoT connectivity via 5G network – 5GConnect</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI-REX call</td>
<td>Call 1</td>
</tr>
<tr>
<td>Area</td>
<td>Big Data for Manufacturing</td>
</tr>
<tr>
<td>Sub-area</td>
<td>Integration Technologies for Connected IoT</td>
</tr>
<tr>
<td>Objectives</td>
<td>The project aims to study innovative solutions to integrate data connectivity in industrial production facilities, focusing on the use of 5G technology as a preferred infrastructure option</td>
</tr>
</tbody>
</table>

**WATCH ON YOUTUBE THE EVENT PRESENTATION**

**Scientific Partnership:**

[Images of various companies and institutions]
OUR PILOT PLANT

Main features

The Pilot Plant is an advanced production line, where new Industry 4.0 technologies are integrated with traditional ones, in a digitally interconnected environment.

It is a smart factory where companies and professionals involved in Industry 4.0 context can test high added value solutions and processes.

The Pilot Plant has been designed in order to:

- Make available a production area for Test Before Invest activities;
- Support technological innovation of enterprises;
- Support BI-REX services such as "hands on" training and business orientation.
GOALS AND KEY ASPECTS

1. To make available to companies a complete and integrated production system, where proposed solutions and necessary technologies can be implemented for the realization of innovative projects.

2. To have a production system without company production constraints; within this system, which can be reconfigurable and flexible on demand, development activities and industrial research can be implemented.

3. To use, integrate and transfer the technological skills of our public and private partners, in order to maximize innovation production ability.
GOALS AND KEY ASPECTS

4. To allow the realization of advanced prototypes and high added value small series, making them available on the market.

5. To be recognisable and understandable for all players (schools, universities, companies, visitors, partners) involved in Industry 4.0 processes.

6. To allow the realization of «hands-on» educational and training programs, for partners and Smes.
BASIC STRUCTURE

**BIG DATA and INTERNET OF THINGS (IoT)**
Development of IoT platforms, 5G connectivity, data acquisition and elaboration on local datacenter (private cloud) and remote cloud, Big-Data Analytics and Artificial Intelligence (AI) techniques, Digital Twin

**ADDITIVE MANUFACTURING**
Additive production of metals through powder-bed laser melting and direct deposition, integrated with secondary processing (heat treatments, laser hardening, wire cutting), plastic materials printing

**ROBOTICS**
Implementation of advanced robotics, integration of mobile and collaborative robots for assembly tasks, logistics and warehousing, production line feeding and flexible automation

**FINISHING AND METROLOGY**
Manufacturing and finishing through 5-axis computer controlled (CNC) machining, automated dimensional control system, contactless laser scanning and reverse engineering
INNOVATION CENTERS NETWORK

A great opportunity for companies

The Pilot Plant is the central hub of a digitally interconnected network of our partners’ innovation centers.

Through this network, we are able to offer companies:

- **Access to** specific technologies and equipment of these centers;
- **Access to** transversal thematic areas (biomedical, sustainability, etc.), thanks to data sharing and management;
- **Data collection and integration** from production structures, for Big Data and Analytics applications;
- **Value-added services**, in order to implement consultancy and training activities.
PILOT PLANT EVENT

INAGURAZIONE DELLA LINEA PILOTA

SAVE THE DATE 27 OTTOBRE 2020 / 11.00 - 13.30

IL PROGRAMMA

L’evento inaugurale si divide in due momenti:

- I saluti istituzionali in cui interverranno rappresentanti di BI-REX, Ministero dello Sviluppo Economico e Regione Emilia-Romagna
- La visita virtuale della Linea Pilota di BI-REX

I RELATORI

Domenico Bambi
Presidente BI-REX

Gian Paolo Manzella
Sottosegretario di Ministra dello Sviluppo Economico

Paola Salomoni
Assessore alla scuola, università, ricerca, agenda digitale della Regione Emilia-Romagna

Vincenzo Colla
Assessore allo sviluppo economico e green economic; lavoro, formazione della Regione Emilia-Romagna

BI-REX - VIA PAOLO NANNI COSTA, 20 - 40133 BOLOGNA - WWW.BI-REX.IT

CLICK HERE TO VIEW OUR PILOT PLANT INAUGURATION EVENT
ITALIAN MEDIA PRESENT BI-REX PILOT PLANT: CLICK ON THE IMAGE

CLICK HERE TO READ OUR PRESS RELEASE RELATED TO THIS EVENT
TRAINING ACTIVITIES
BI-REX TRAINING ACTIVITIES

1. Advanced Training Courses, with University Professors and Business Managers

2. Hands-on courses: use cases, use of technologies, companies’ case studies

3. Use of our Pilot Plant and of the Innovation Centers network
OUR WEBINARS

49 Webinars (online)

49 + 3.377 participants

+ 1.785 companies

Participants

- Big Companies: 60%
- SMEs: 30%
- Universities: 10%

Corporate roles of participating companies

- CEO: 40%
- Technical Referent: 10.7%
- Account Manager: 10.7%
- R&D: 9.4%
- Project Manager: 9.8%
- Business Manager: 10.7%
- HR: 10.7%
OUR COURSES

11 Courses (in presence)

145 participants

58 companies

20 Courses scheduled in next 12 months

90 Overall Courses in the Catalog

7 THEMATIC AREAS

- Big Data
- ICT Advanced systems to manage production processes
- Security & Blockchain
- Additive & Advanced Manufacturing
- Collaborative Robotics, warehousing & AGV
- Managerials
- Sustainability & Social Responsibility

154 participants
58 companies
To present our training services we realized a dedicated event: click on the poster to discover more.
### EXECUTIVE COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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</thead>
<tbody>
<tr>
<td>Domenico Bambi</td>
<td>Sacmi</td>
</tr>
<tr>
<td>Francesco Millo</td>
<td>Bonfiglioli</td>
</tr>
<tr>
<td>Michele Poggipolini</td>
<td>Poggipolini</td>
</tr>
<tr>
<td>Claudio Melchiorri</td>
<td>UniBO</td>
</tr>
<tr>
<td>Cesare Stefanelli</td>
<td>UniFE</td>
</tr>
<tr>
<td>Andrea Zanotti</td>
<td>UniBO</td>
</tr>
</tbody>
</table>

### STEERING COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luca Tomesani</td>
<td>UniBO</td>
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<tr>
<td>Andrea Torcelli</td>
<td>Bonfiglioli</td>
</tr>
<tr>
<td>Dario Rea</td>
<td>IMA</td>
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<tr>
<td>Valentina Marchesini</td>
<td>Marchesini</td>
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<tr>
<td>Emanuele Masciari</td>
<td>Philip Morris</td>
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<tr>
<td>Gildo Bosi</td>
<td>Sacmi</td>
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<tr>
<td>Leda Bologni</td>
<td>ArtEr</td>
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<tr>
<td>Maurizio Sobrero</td>
<td>BBS</td>
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<tr>
<td>Roberta Turra</td>
<td>Cineca</td>
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<tr>
<td>Marco Sacco</td>
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<tr>
<td>Sergio Bertolucci</td>
<td>INFN</td>
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<td>Alberto Leardini</td>
<td>IOR</td>
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<tr>
<td>Ettore Capri</td>
<td>UniCATT</td>
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<tr>
<td>Massimo Bertolini</td>
<td>UniMORE</td>
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<tr>
<td>Roberto Menozzi</td>
<td>UniPR</td>
</tr>
<tr>
<td>Simone Di Piazza</td>
<td>Ducati</td>
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<tr>
<td>Guido Cometti</td>
<td>Link Italia</td>
</tr>
<tr>
<td>Gabriele Canini</td>
<td>Aetna</td>
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<tr>
<td>Maurizio Massanelli</td>
<td>Rekeep</td>
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<tr>
<td>Francesca Zarri</td>
<td>CNS</td>
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### BI-REX TEAM

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stefano Cattorini</td>
<td>General Manager</td>
</tr>
<tr>
<td>Simona Campo</td>
<td>Head of Administration</td>
</tr>
<tr>
<td>Andrea Volta</td>
<td>Administration Area</td>
</tr>
<tr>
<td>Francesco Meoni</td>
<td>Head of Pilot Plant</td>
</tr>
<tr>
<td>Antonio Galantucci</td>
<td>Pilot Plant Operator</td>
</tr>
<tr>
<td>Gianmarco Moretti</td>
<td>Pilot Plant Operator</td>
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<tr>
<td>Luca Cotto</td>
<td>Pilot Plant Operator</td>
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<tr>
<td>Danilo Mascolo</td>
<td>Head of Business Development</td>
</tr>
<tr>
<td>Alberto Gualtieri</td>
<td>Business Development Area</td>
</tr>
<tr>
<td>Manlio Urbano</td>
<td>Head of Communications</td>
</tr>
<tr>
<td>Massimo Pulvirenti</td>
<td>Head of Training Services</td>
</tr>
<tr>
<td>Serena D’Angelo</td>
<td>Head Secretary</td>
</tr>
<tr>
<td>Leonardo Lio</td>
<td>HR Generalist</td>
</tr>
</tbody>
</table>
BI-REX HEADQUARTER LAYOUT
INTEGRATIONS
CONTRIBUTION

MISE (Italian Ministry of Economic Development)

Up to 9.200.000 € for 3 years:

- Up to 3.850.000 € in order to set up the Competence Center and to implement the activity program
- Up to 5.350.000 € as contribution to the Innovation Projects, with a maximum amount of 200.000 € for every project

CONSORTIUM MEMBERS

Up to 14.400.000 € for 3 years:

- Up to 7.200.000 € in «cash»
- Up to 7.200.000 € in «kind»
BI-REX AND EMILIA-ROMAGNA DATA VALLEY

Emilia-Romagna Region can be considered today as the European Data Valley and Bologna is an important hub of HPC/AI European infrastructure, thanks to presence of:

- The European Centre for Medium-Range Weather Forecasts (ECMWF) Data Center and Supercomputing facility
- The CINECA data center towards exascale computing
- The INFN data center towards extreme HPTC
- The European High Performing Computing Centre HPC
- The National Agency Italia Meteo
- Istituto Ortopedico Rizzoli (IOR) biobank center
- INAF Cherenkov Telescope Array
- IBM center Big Data and AI for aging

BI-REX is a key player in Emilia-Romagna Data Valley, perfectly integrated within Bologna hub and local Technopole.
OUR CONTACTS

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+39.051.0923250

info@bi-rex.it

Website

LinkedIn

Facebook