







## COIMA ESG City Impact Fund













7 July 2020

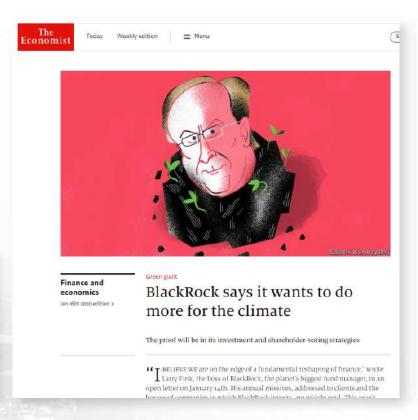
#### January 2020

# **Emergency Climate Change**

SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL







## This is the face of climate change, say scientists





## March 2020

## **Health Emergency**

MAR APR

MAY JUL

## ESPLODE IL CONTAGIO

Focolaio a Lodi, 15 casi e 50mila in isolamento Emergenza nazionale. L'Oms: «Difficile fermarlo»

## Tutti in casa

la Lombardia fino al 3 aprile. Ristoranti tempo, dobbiamo proteggerci . Contagi esplodono: sette morti e 34 in fuga e bar chiusi alle 18. Stop alla Serie A a quota 8 mila, a rischio anche i giovani Bonafede: lineu dura, no indulti e amnistia

Crollano le Borse, Milano perde l'11%. Torna l'incubo del 2008

#### Italy in chaos as thousands race to escape quarantine



#### Europa, «zona rossa» Il piano von der Leyen: chiudere i confini esterni

«Per un mese». Le frontiere interne restano aperte

#### Banks act to save world economy from pandemic

• America cuts interest rates • Britain joins international effort • France and Spain in lockdown



# **June** 2020

# **Emergency** inequality

SEP OCT NOV DEC JAN FEB MAR APR MAY **JUN JUL** 

DEMONSTRATIONS ROCK

POLICE STRUGGLE

TRUMP WARNS CROWDS

ON THE WEB or updates on the protests, see seattletimes.com

#### Protests, then pandemonium



#### La marcia di Washington nel nome di Martin Luther King



A chance for real change



## **July 2020**

# The Green Deal and the restart

SEP OCT NOV DEC JAN FEB MAR APR

MAY JUN JUL

#### Mille miliardi di euro fino al 2030 Ecco il piano per l'Europa verde

Domani a Strasburgo viene svelato il maxi-progetto di investimenti della Commissione Pronti un fondo per la "transizione giusta" e regole meno severe per gli aiuti di Stato Messina (Intesa Sanpaolo): «Green deal, disponibili a finanziare investimenti per 50 miliardi»

## Green Deal e digitale al centro del programma di lavoro UE 2020

## L'ufficio del post Covid-19 sarà un luogo di formazione e incontro tra le persone

Secondo Pietro Martani (Copernico) dopo la pandemia non ci sarà spazio per modelli coercitivi, ma bisognerà passare a una logica di collaborazione e formazione continua



#### **Italy: Ready for the challenge**

BY CARLO SVALUTO MOREOLO I JULY/AUGUST 2020 (MAGAZINE)

Italy's occupational pension funds are primed to deal with the after-effects of the COVID-19 pandemic

Borghi e città d'arte per il turismo post-Covid



## Rethinking development models



short-term concentration and maximisation of individual profit

$$\downarrow \downarrow \swarrow \\
\rightarrow \bullet \leftarrow \\
\nearrow \uparrow \nwarrow$$



based on a generative redistribution using a new cultural paradigm





# **Past**

**Irreversible effects** 



Further social, economic, and environmental instability

Intensive consumption, short-term maximisation individual profit, concentration



Generating inequalities and altering environmental balances



WE ARE HERE

**Greater crisis fragility** (i.e. COVID, environmental disasters)



## What was COVID's impact on people?

**Millions** having the same simultaneous

**FORCED ISOLATION** 





ENABLING DIGITAL EXPERIENCE







A need for nature



Personal survival based on everyone's survival in a connected and resilient global system



Human connections and social interaction which cannot be replaced by digital media



## A new three pillar paradigm

#### Pillar no.1 **DEVELOPMENT MODEL**

Equal opportunities and employment

Environmental impacts and ESG investments

Technology and digitisation as enablers of new lifestyles

#### Pillar no.2 JOINING FORCES

Open and collaborative architecture to join forces and amplify the impact

#### Pillar no.3 REGION AS A RESOURCE

An alternative regional development model which reconciles delocalisation and centrality

ESG City Impact as an industrial strategic contribution

A **Green Deal** based on Italian craftwork to enable **Italy to become a European leader**, and a **benchmark for new worldwide development models** 

Italy - a land of a thousand bell towers as an alternative model to megacities



## Pillar no.1: WE ARE HERE New economic and

New economic and cultural model based on generative redistribution



Socio-economic, cultural and environmental growth

model

development

VIRTUOUS CIRCLE

2

opportunities,
processes and products
based on the circular
economy, and
regional development
distributed over a
connected network of
centres of excellence



Progressive social and environmental rebalancing

3



## Pillar no.2: joining forces

Italian and EU **public resources** plan for more than € **750 billion** and up to **60 billion** per year from private domestic sector

PUBLIC RESOURCES

#### € 175 billion

EU resources for Italy (Recovery Fund, European Green Deal, Next Generation EU, Just Transition Fund)



#### € 580 billion

Italian resources (expenditure and guarantees, "Cure Italy" Decree, "Liquidity" Decree, "Relaunch" Decree)



#### € 60 billion

Estimated annual availability of institutional capital to be invested and bank loans of € 60 billion



#### PRIVATE IMPACT & OUTCOME INVESTMENT FUNDS

to selectively allocate public and private capital to support a green recovery plan



#### **International Monetary Fund**

- GDP 2020: -9.1%
- Unemployment 2020: from 9.95% to 12.7%

#### **COVIP**

- The participants in contractual pension funds fell by 5.1% between 2008 and 2014
- Registered (2020) to contractual funds: 3.2 million



## Pillar no.2: joining forces

The fragility of this historical period requires the **synergetic union of the country's best forces** who share a strategic vision and an **industrial plan** agenda, creating common initiatives that amplify the impact necessary for recovery and change











PRIVATE SECTOR









#### INSTITUTIONAL CAPITAL

particularly Italian capital:
pension funds (pension funds,
contractual and first pillar
pension funds), banking
foundations, insurances,
family office

## NATIONAL BANKING SYSTEM

entrepreneurs, companies, and trade associations

#### **PUBLIC SECTOR**

central and local administrations and strategic players such as CDP

## CULTURAL SECTOR

universities research centres, non-profit and institutional sectors, and cultural associations





# A new three pillar paradigm for the future

Pillar no.1 **DEVELOPMENT MODEL** 

Pillar no.2
JOINING FORCES

Pillar no.3 REGION AS A RESOURCE

#### Italy – a land of a thousand bell towers

as an alternative to concentration-based models through intensive urbanisation (*megacities*)

Business plan with a strategic investment programme in real economy focused on:



#### CENTRES OF EXCELLENCE

cities and districts
specialising in universities
and research, culture, health
care and businesses

HYPERCONNECTED
PHYSICAL AND
DIGITAL
INFRASTRUCTURE
NETWORK



# Pillar no.3: region as a strategic resource



A country with untapped potential starting from its unique regions



Regional development based on liveable cities and districts of excellence



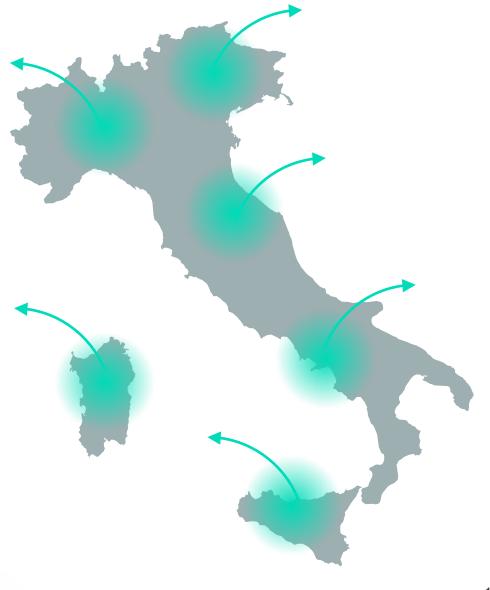
Synergic balance between concentration and delocalisation



Hyper connection with high-speed, physical, and digital network



**Activation of widespread regions** 





## Positioning



Traditional investments

Impact investing
Financial performance
and ESG

Philanthropic donations

Financial return

Financial Return
+
Environmental
and Social Performance

Environmental and social performance







## Strategy

#### INVESTMENT STRATEGY

#### INVESTMENT PRIORITY

All Italian cities



All asset classes



All social levels



From development to core



Long-term vision



Regional regeneration and building reuse

Renovation and development on a neighbourhood scale

Residential sectors, tourism, mixed-use projects

Innovation of resilient products based on demand and technology development

#### **ONLY** if

ESG targets meet financial performance targets







## **COIMA's impact**

#### **Adopting the principles**



#### Select eight SDGs relevant for COIMA









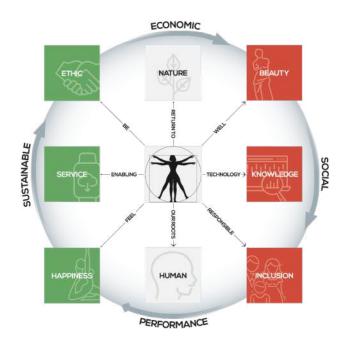








#### COIMA ROOTS





#### **Sustainable Innovation Committee**

#### **Digital Transformation Team**

- Chief Information & Digital Transformation Officer.
- Applications Manager
- Date Scientist
- IT Manager

#### **Conceptual Construction Team**

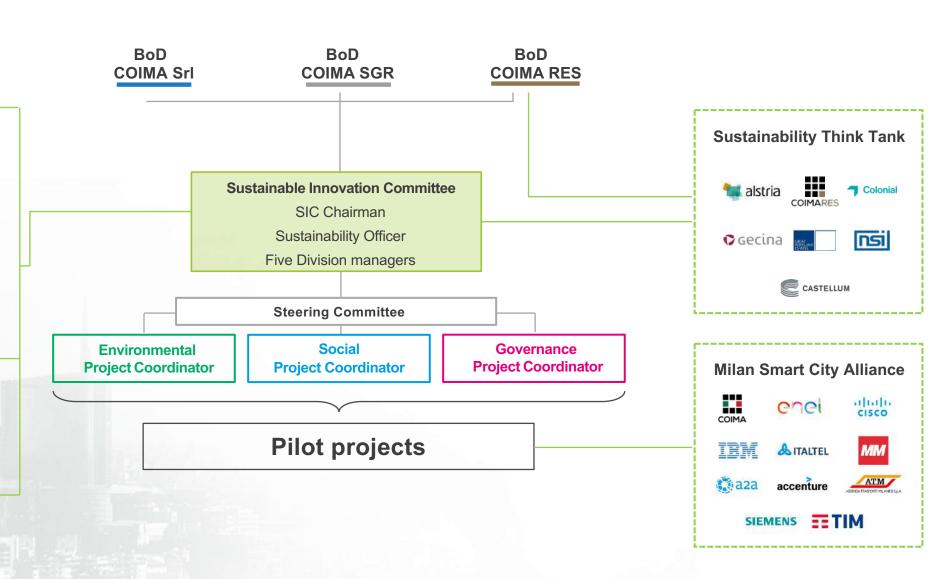
- Procurement & Conceptual Construction Director
- Procurement Manager
- Civil Manager
- MEP Associate

#### **Task Force Values**

- Open to COIMA employees
- Promotes new initiatives including the COIMA Innovation Award

#### **COIMA City Lab**

- COIMA CEO
- Leader in architecture and urban planning





## **COIMA City Lab**



30ERI STEFANO BOERI ARCHITETTI

Stefano Boeri



DS+R

**Elizabeth Diller** 



CZA

Cino Zucchi



PLP/ARCHITECTURE

Lee Polisano



**Pelli Clarke Pelli** Architects

**Gregg Jones** 



CARLO RATTI ASSOCIATI

**Carlo Ratti** 



**AE**COM

**Christopher Choa** 



COIMA City Lab develops urban, product and project themes to inspire city and regional development

Pilot projects:

over 150 architects

have participated in architecture competitions in the last 12 months.



## **COIMA ESG goals timeline**

1974

**COIMA** established

2005

Porta Nuova with UniCredit Tower the first Italian LEED Gold certified building

Riccardo Catella Foundation established

2015

**COIMA** published the first Sustainability Report

**Bosco Verticale** was named as the world's **Best Tall Building** 

2016

COIMA launched the **Sustainable Innovation Committee** 

2017

COIMA RES participated in the Pan-European Think Tank on innovation and sustainability 2018

First public/private management BAM Biblioteca degli Alberi Milano

2019

**COIMA City Lab** established

2020

COIMA received the sustainability **European Leadership Award** from the US Green Buliding Council.

COIMA ESG
City Impact Fund











# Porta Nuova as a laboratory of innovation and sustainability





> 100



160,000 sqm

species, biodiversity

of public and green spaces

#### Zero



2.2 BIL.



> 15,000



use of fossil fuels

investment

direct, indirect, and induced employment during planning and construction

300+



> 1,400



> 10 Mil



annual visitors

annual events through the BAM annual jobs cultural programme under management

Porta Nuova will be the world's first neighbourhood urban redevelopment project to obtain the dual LEED and WELL for Community certification





## ESG agenda priorities



Global and national challenges

**ENVIRONMENTAL** 

**Decarbonisation** 

**SOCIO-ECONOMIC** 

**Employment + Equal opportunities** 

GOVERNANCE

**Measurability + Transparency** 



## ESG agenda priorities

#### **ENVIRONMENTAL**

#### **DECARBONISATION**

CO2 emission limits
> 15 years earlier compared to the EU
limit

Percentage of LEED certified properties >80%

#### **SOCIO-ECONOMIC**

#### **EMPLOYMENT + EQUAL OPPORTUNITIES**

Direct, indirect, and induced contribution of > 35,000 jobs <sup>2</sup>

LEED, WELL and WELL for Community certified urban regeneration projects

#### GOVERNANCE

#### **MEASURABILITY + TRANSPARENCY**

investment ESG rating > 65 calculated according to COIMA Charter

ESG annual Fund rating > 80 through GRESB with public reporting

#### DYNAMIC OBJECTIVES

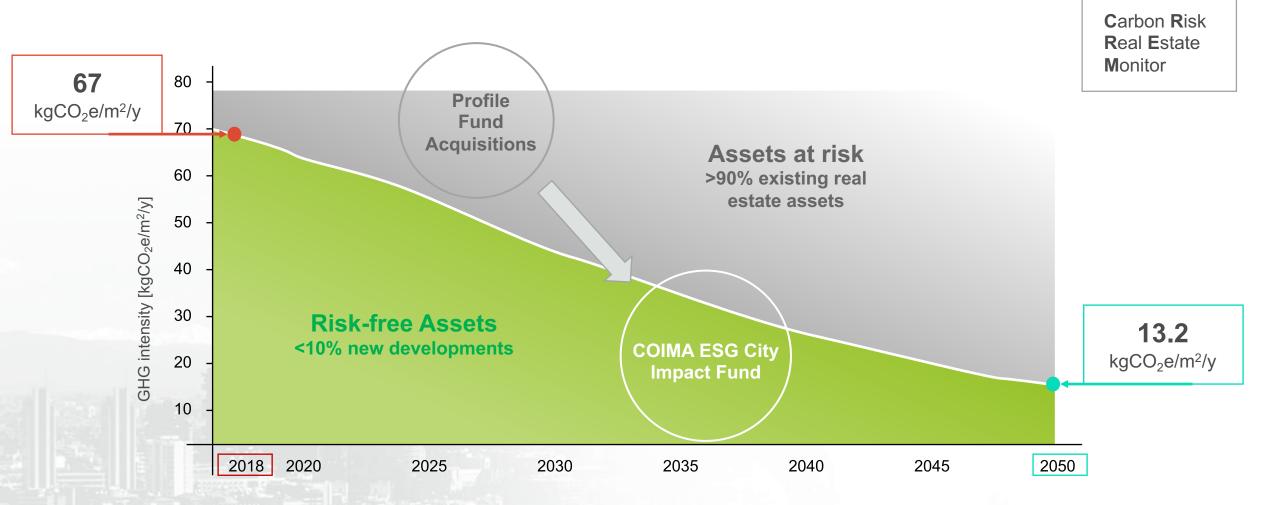
Updated according to world priorities during the Fund's investment period (20 years)

- 1 reference decarbonisation curve on global warming scenario <2°C (ref. CRREM EU)
- 2 based on investment in works amounting to 2.5 billion



## Decarbonisation objectives

Process towards decarbonisation and reduction of energy emissions





## **COIMA City Lab Charter**

#### **Proprietary ESG evaluation tool**

#### **Protection**

**ENVIRONMENTAL RESILIENCE** 

**Decarbonisation**Properties

Decarbonisation of construction process

LEED
Certification
of building and
neighbourhood

**OBJECTIVES** 

Sustainable management of resources (water, energy, raw materials)

Environmental remediation of buildings and sites

#### Ė

Inclusion

SOCIAL INTEGRATION

**Job** creation, direct, indirect and induced employment, LEED Certification of building and neighbourhood

**Development** of attractive destinations

Sustainable mobility integration

Development and management of public spaces



**ECONOMIC REGENERATION** 

Creation of added direct, indirect and induced value

Regional valorisation

economic activation of disused and abandoned areas / sites

Sustainable tourism **promotion** 



## Measuring and monitoring tools

**ACQUISITION**INVESTMENT MGMT

**DEVELOPMENT**DEVELOPMENT MGMT

MANAGEMENT
ASSET & PROPERTY MGMT

EXIT / HOLD
ASSET MGMT

COIMA Charter,
AS-IS" and "TARGET" rating

Protezione
REGILIRIZA-AMBENTALE
+
Inclusione
INTEGRAZIONE SOCIALE
+
Crescita
RIGEDERINAZIONE ECONOM

19

TARGEMENTAZIONE ECONOM

19

TARGEMENTAZIONE ECONOM

74

Integrating <1}"TARGET"

COIMA Charter
in the Development Brief

Protezione
MERICAL AMBERTALE

INCIDENTALONE BOCALS

TARGET"

TARGET"

COIMA Charter

in the Development Brief

"MONITORING" COIMA Charter

Protezione
RESLIRIZA AMBRITALE

Inclusione
NTEDRAZIONE SCONDIAL

TALE

TOPIC COSCITIA
RIGEMERAZIONE ECONDIAL

TALE

Data room
complete with historical ESG
impact data

Protezione
REGLENZA AMBIENTALE

INCLUSIONE
RYEGRAZIONE BOOKAR

TOTAL
ROCKMERAZIONE BOOKAR

74

**Annual ESG reporting to stakeholders** 

Independent ESG rating with GRESB



## **COIMA ESG City Impact Fund**

Performance measured through globally recognised certifications

# Certifications LEED & WELL for buildings





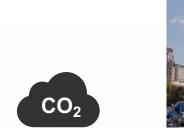






#### Charter application - GIOIA 22

**GIOIA 22 "AS-IS"** 





**Protection** 

Consumption >400 kWh/m2 per year

> 200 tons of reclaimed asbestos and fibres (more than €4.5 million)

Inclusione

Crescita















**Protection** 

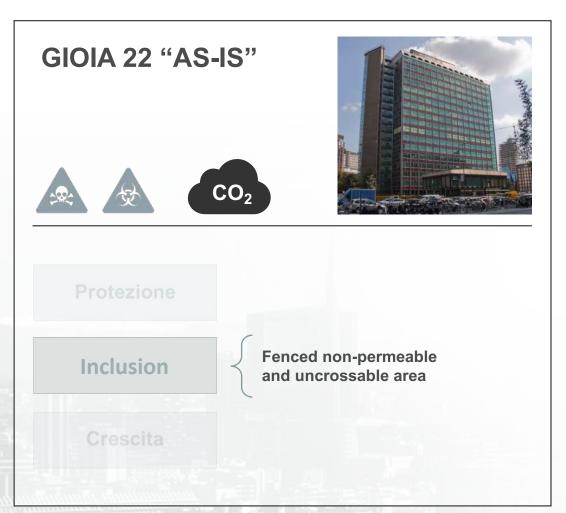
Inclusione

90-110 kWh/m² whole year building performance 30 years in advance compared to EU (\*)

**LEED Platinum certified** 

**LEED for Community certified** 





















## Financial objectives



More than € 4 billion investments with ESG impact on the region and Italian real economy through an open investment architecture

IRR development phase > 10%

Stabilised dividend yield > 5%



# Open investment architecture to amplify regional impact

Fund Capital

Co-investments & Bank financing Fund Capital

Partnerships

Fund Capital

Bank financing Fund Fundament Bank (EIB)

Impact amplification of direct regional investments

MULTIPLE EQUAL TO

4x



#### Open investment architecture

Institutional placement started with an initial closing completed at approx. € 400 M and a collection target of more than € 1 billion



#### **INITIAL CLOSING**



#### **COLLECTION TARGET**







# Italian agenda

## Priority of regional development over demographic segments

				OVER 65 POPULATION	STUDENTS Italian & International	YOUNG WORKERS AND FAMILIES	SKILLED WORKERS	LOW SKILLED WORKERS
IMPACT	INFRASTRUCTURES	43	TRANSPORT			<ul><li>Secondary airports</li><li>High speed train</li><li>Metro connections</li></ul>		
ATER		<b>^</b>	HOUSING	<ul> <li>Intergenerational Living</li> <li>Health Residences for the Elderly (RSA)</li> </ul>	Students	Affordable houses for rent	High quality, new and furnished apartments for rent	Low rent houses
GRE		<b>©</b>	WORK			Flexible working spaces	Flexible working spaces	
ECONOMIC SECTORS WITH			EDUCATION	Intergenerational university campuses	Campuses following international university examples	Schools	Universities	Technical schools
		•	HEALTH	Hospitals	Innovation campuses for start-ups and research		Hospitals with research centres	Technical schools for the preparation of nurses, carers and other health personnel
		1	TOURISM	Experiential hotels	Experiential hotels	Family Resorts	5-star hotels Belonging to chains	Technical schools for the hotel industry
<u> </u>			CULTURE			Cultural centres		
		1=	LOGISTICS			Last mile & Data centres		



## Demand and product evolution

Current global trends require product innovation to respond to changing demand

	DEMOGRAPHIC CHANGES	SOCIO-ECONOMIC CHANGES	TECHNOLOGY
OFFICES	<ul><li>▲ Young workforce</li><li>▲ Flexible working</li><li>▲ Retirement age</li></ul>	<ul> <li>▲ Attraction of talent</li> <li>▲ Flexible working</li> <li>▲ Services for people</li> <li>▲ Community mindset</li> </ul>	▲ Big Data ▲ User Services
RESIDENTIAL	<ul> <li>▲ Ageing population</li> <li>▲ Rent preference</li> <li>▲ Urbanisation</li> <li>▼ Family size</li> </ul>	Rent preference  Services to people  Community mindset	<ul><li>▲ Connected Systems</li><li>▲ Real estate efficiency</li></ul>
LOGISTICS	▲ E-commerce ▲ Urbanisation	<ul><li>▲ Same day delivery</li><li>▲ Need for stock</li></ul>	<ul><li>▲ E-fulfilment</li><li>▲ Supply chain</li><li>▲ Robotics</li></ul>
RETAIL	▲ E-commerce	▲ Physical / digital demand	<ul><li>▲ E-commerce</li><li>▲ Customer Data</li></ul>
TOURISM	▲ International Tourism ▲ Travel Expenditure	<ul><li>▲ Customer Experience</li><li>▲ Young people hotel demand</li></ul>	<ul> <li>▲ Big Data</li> <li>▲ User Services Real</li> <li>▲ Estate Efficiency</li> <li>▲ Global Distribution</li> </ul>
URBAN REGENERATION	▲ Urbanisation	▲ Smart cities	▲ Smart cities



## Italian real estate heritage

## **Urgent update** of the building stock

## PUBLIC ENTITIES



approx. **60%** buildings constructed **before 1976** 

## **HOSPITALS**



60% are older than 40 years 75% obsolete equipment

## **SCHOOLS**



53 years - buildings average age 21% have **environmental problems** 

## RESIDENCES



Obsolete stock: 93% energy class < D

High average size: approx. 90 m

## **OFFICES**



Quality stock - grade A (% of total)



MILAN ~12%



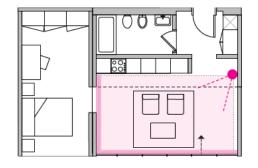
ROME < 6%



# Real estate product evolution: residence

	MACRO THEMES	PURPOSE
Ψ	DIGITISATION	■ Fast connection and digital platform
7	SUSTAINABILITY	<ul> <li>Consumption reduction and renewable sources (carbon tax savings)</li> </ul>
<u>i</u>	WORK FROM HOME	■ Dedicated spaces inside the building or home
	E-COMMERCE	<ul> <li>Space for receiving parcels</li> </ul>
50	SLOW MOBILITY	Bicycle and electric car parks with recharging points
41	RENT	Small size unit at a sustainable fee
53	FLEXIBILITY	Flexible layout

### **EXAMPLE**











## Real estate product evolution: office

MACRO THEME	S PURPOSE
<b>DIGITISATION</b>	■ Digital platform and <i>Internet of Things</i>
SUSTAINABILIT	Y Reduced consumption and environmental certification
WORK FROM HO	ME Fewer and larger workstations, service spaces
E-COMMERCE	<ul> <li>Space for receiving parcels</li> </ul>
SLOW MOBILIT	Proximity to public transport, bicycle and electric car parks with recharging points
RENT	More flexible rental contracts
FLEXIBILITY	■ Flexible spaces

#### **EXAMPLES**

**GIOIA 22** 

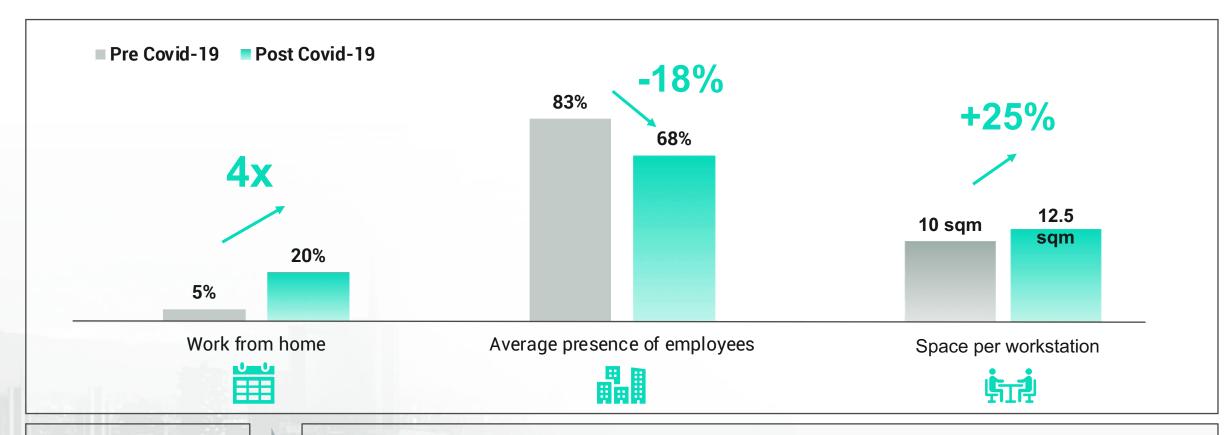


CORSO COMO PLACE





# Office product evolution: Covid impact



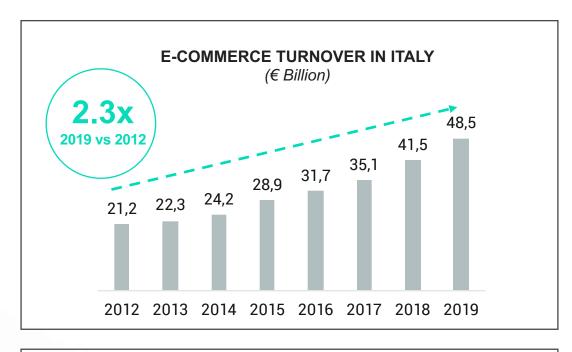
**WORK FROM HOME** 

Increase in net demand for new generation buildings to offset the reduction in demand for traditional buildings



# Italy: strategic logistics hub limited by obsolete stocks









## Real estate product evolution: logistics

#### INTERNATIONAL MARKET STANDARD





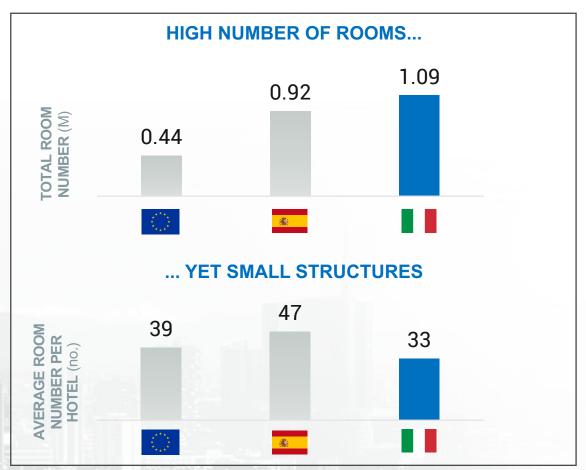


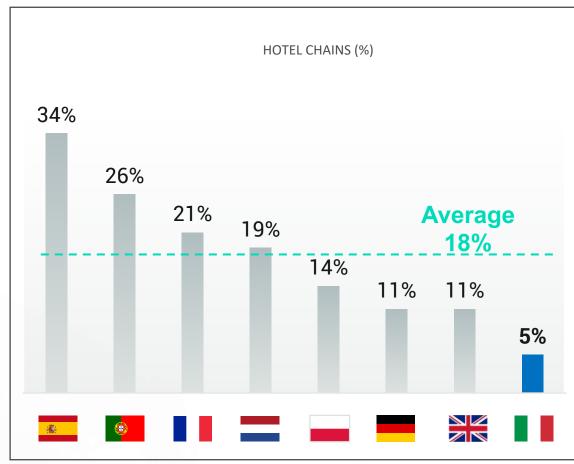
DISTANCE FROM MAIN ROADS	< 1 km	×
DISTANCE FROM MAIN CITIES	< 45 km	×
SIZE	> 4,000 sqm	×
HEIGHT	10 - 12 m	×
SUSTAINABILITY STANDARD		×

# Urban logistics Digitisation Technology Automation Robotics Energy efficiency Recyclable materials



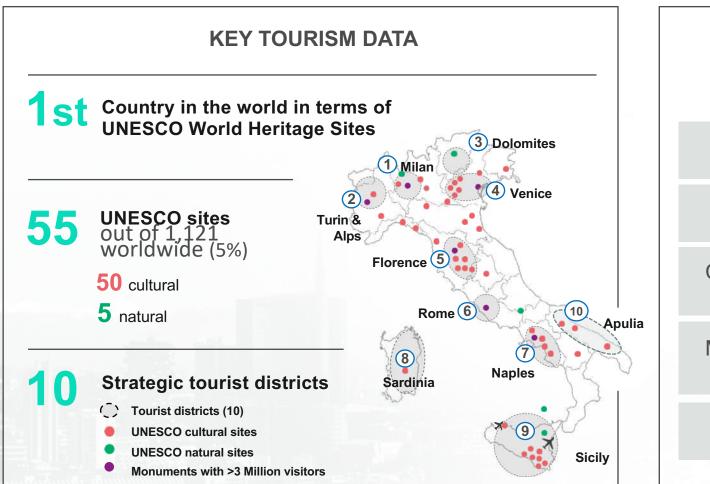
# Hospitality: fragmented sector







# Real estate product evolution: hospitality



## PRODUCT MEETING NEW DEMAND

**Experiential hotels** 

Resort

Connected small structures in strategic tourist districts

Mixed-use facilities for students, young professionals and tourists

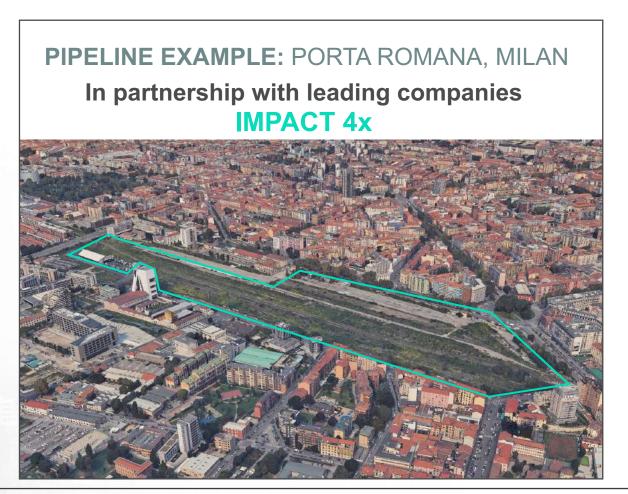
5\*L Hotels

# More than € 1 billion pre-identified investment pipeline

More than € 1 billion pre-identified investment pipeline



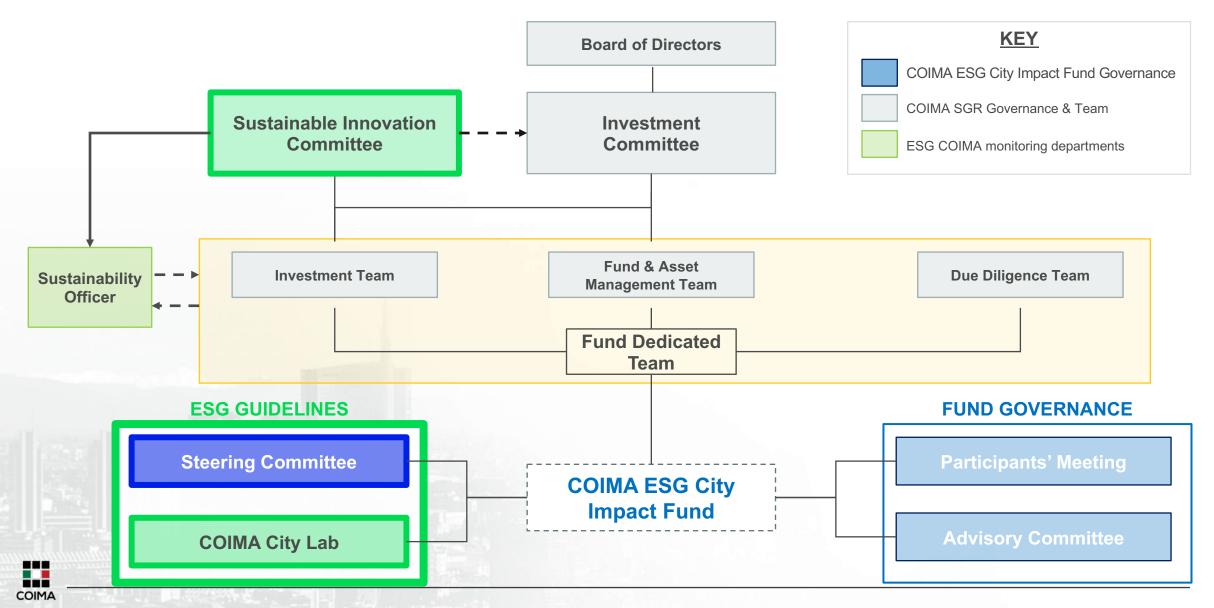
Milan, Rome and primary Italian cities



Governance



## Governance & Team





COIMA SENIOR
MANAGEMENT
&
INTERNAL
COMMITTEES





COIMA SENIOR
MANAGEMENT
&
INTERNAL
COMMITTEES





**COIMA CITY LAB** 

COIMA SENIOR
MANAGEMENT
&
INTERNAL
COMMITTEES

## **STEERING COMMITTEE**











President



Ersilia Vaudo Scarpetta Chief Diversity Officer European Space Agency



Giovanna Melandri

Human Foundation

President



Luca Valerio Camerano

LUISS University

Professor

It looks at global ESG trends and the priority agenda in depth

Regular review of current and potential project strategy and methodology It contributes to the network between scientific, financial and production chain excellence It promotes an open architecture of knowledge with the public sector

**COIMA CITY LAB** 





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