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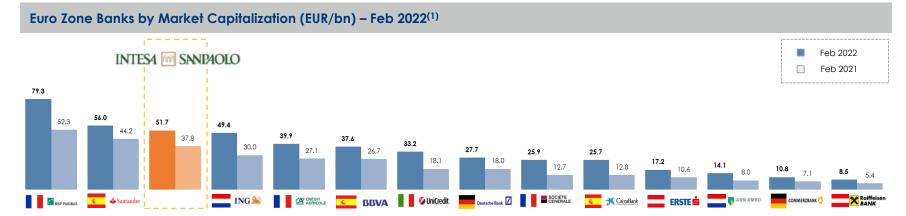
e. Sustainable Finance in Action

## Intesa Sanpaolo – Major Eurozone Bank

### Intesa Sanpaolo Snapshot

- Well capitalized bank with a strong and growing presence in different sectors and a long-standing relationship with the key players in the market
- Leadership in Europe with a growing international presence
- Intesa Sanpaolo currently ranks #3 among the Euro Zone banks based on current market capitalization, leveraging also high capital ratios, and is a strong and reliable source of funding
- International Network of branches, representative offices and subsidiaries in 26
   Countries with a global coverage
- Full Commercial, Corporate and Investment Banking capabilities



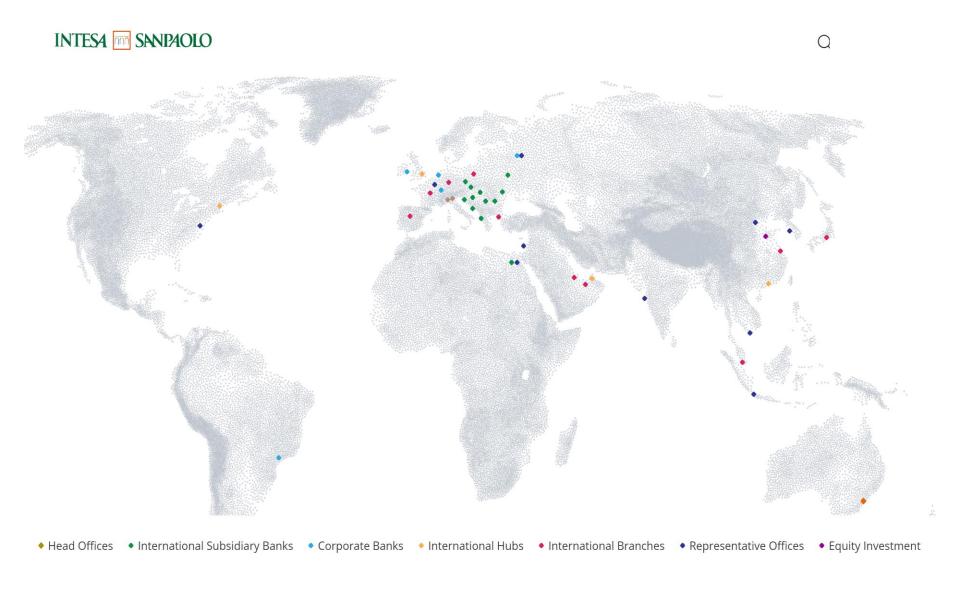


Over the last year Intesa Sanpaolo has improved his positioning among the Eurozone banks, increasing its capital ratios and further strengthening its balance sheet



INTESA m SANPAOLO

# Intesa Sanpaolo in the World...

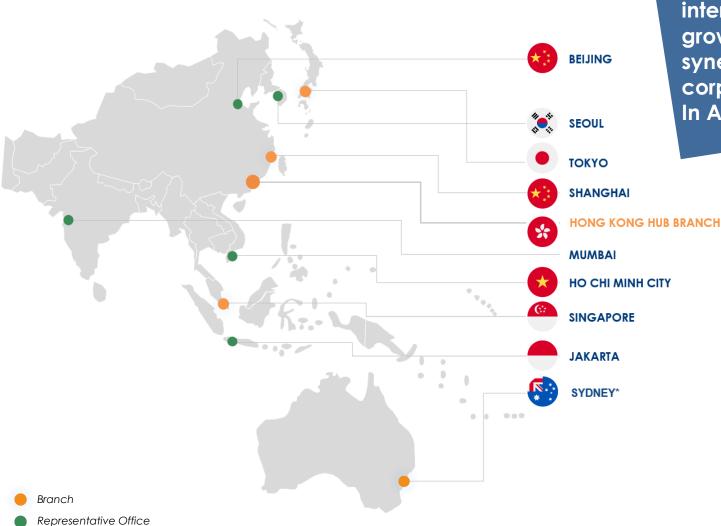






## **Strategic Presence in APAC**

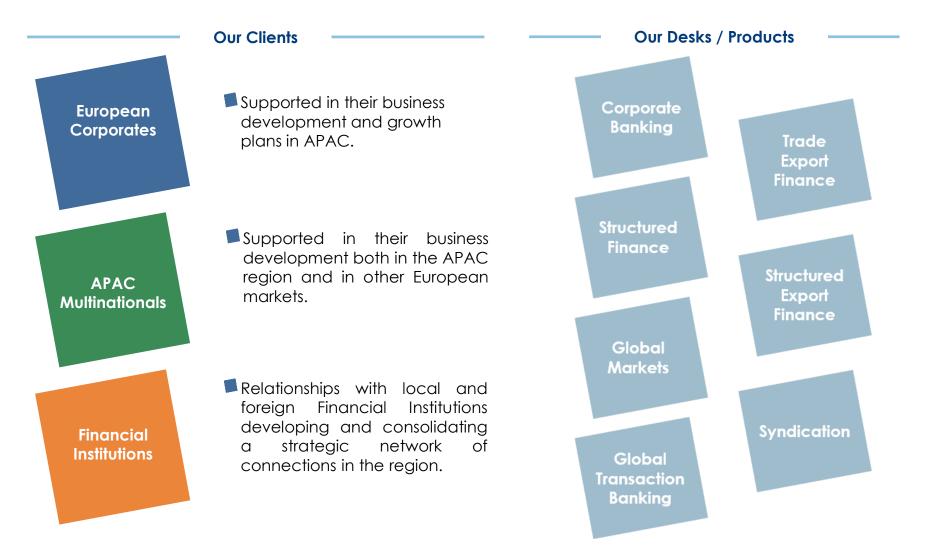
Extensive Coverage in the Region



ISP promotes
international
growth and
synergies for
corporate clients
In APAC

# **Tailored Solutions Dedicated to Corporate Clients**

Complete Offer of Corporate and Investment Banking Products in APAC



# Intesa Sanpaolo: An Impact Bank

Top management is committed to CE as a strategic key to become an impact bank





**COMMENT & PROFILES** 

# Why more banks must support the circular economy

Carlo Messina | 1/03/2019 9:00 am

Circular Economy redefines the approach to value creation. It is a disruption to the business model that Intesa Sanpaolo is supporting and more banks should be doing the same. The financial sector, especially from a derisking perspective, should play a crucial role in unlocking opportunities while supporting clients in reorienting their business strategies – Carlo Messina, CEO ISP



"We are proud to offer our customers the tools to seize the opportunity of the Circular Economy, an innovative and strategic challenge"

Mauro Micillo, CEO Banca IMI and Head of CIB, ISP 12/06/2019, London - Italian Embassy



"Banks should act as agents for change towards a low-carbon economy, supporting the transition to a Circular Economy"

Gregorio De Felice, Chief Economist ISP 13/06/2019, London – EMF Annual Summit



"Circular Economy represents a special opportunity to support our customers towards a more resilient and competitive model"

**Stefano Del Punta, CFO ISP** 27/06/2019, Copenhagen - International Fund Forum

# The Distinctive Positioning of Intesa Sanpaolo



Dame Ellen MacArthur is a successful solo long-distance yachtswoman. In 2005 she broke the world record for the fastest solo circumnavigation of the globe.

Her Foundation is the world **most influential and authoritative player on Circular Economy**. Its **CE100** platform groups over 120 leading companies, governments and universities (e.g. Apple, IKEA, Enel and the City of Milan) to accelerate systemic shift towards CE.











BLACKROCK PHILIPS W RENAULT Google Smith Sciohnson







Since December 2015. Intesa Sanpaolo is the first **Financial Services Strategic Partner** of the Foundation























**Intesa Sanpaolo** has long-term **strategic relations** with key stakeholders to generate a meaningful impact, engaging in:

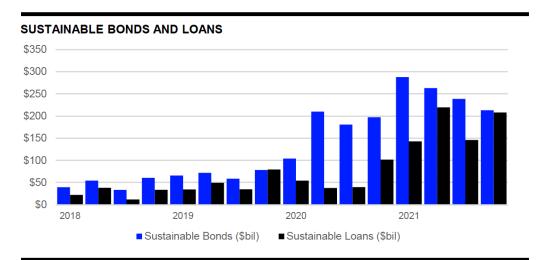
- "Circular Economy Financing Expert Group" EU Commission
- "Platform for Accelerating the CE" World Economic Forum
- "2030 Sustainable Development Strategy" Italian Government

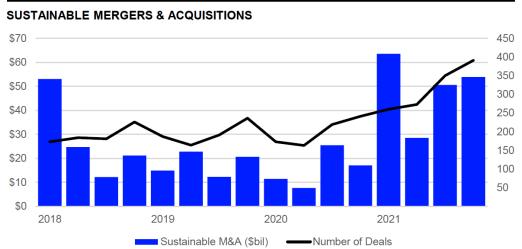
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# Sustainable Finance growth in 2021

Market Update Global trend and APAC





Sustainable Lending totaled US\$716.6 billion during full year 2021, more than tripling one year ago levels and setting an all-time record.

**Sustainable Bond** issuance surpassed **US\$1.0 trillion** for the first time during full year 2021, an **increase** of **45%** compared to full year 2020 and an all-time record.

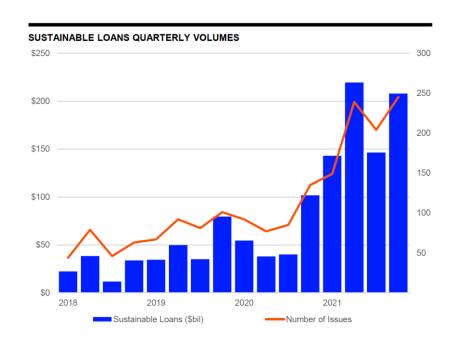
**M&A** activity involving sustainable companies totaled **US\$196.5 billion** during full year 2021, **more than three times 2020 levels** and an all-time high.

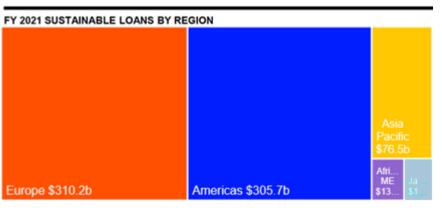




# Sustainable Finance growth in 2021

Market Update Global trend and APAC





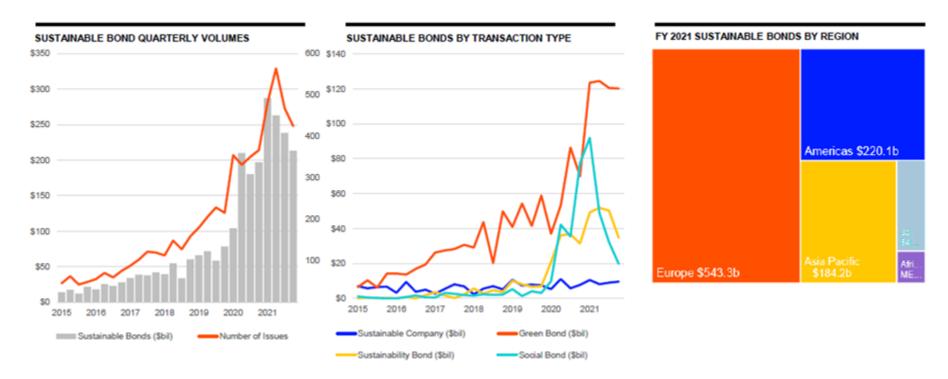
**Sustainable lending totalled US\$716.6 billion** during full year 2021, **more than tripling year ago** levels and setting an all-time full year record. The fourth quarter registered a 42% increase compared to the third quarter of 2021 and ranked as the second largest quarter for sustainable lending since records began in 2018.

European borrowers accounted for 43% of overall sustainable lending during full year 2021. Lending in the Americas also accounted for 43% of full year 2021 activity, the highest percentage since records began, while Asia Pacific lending accounted for 11%.



# Sustainable Finance growth in 2021

Market Update Global trend and APAC



Sustainable Finance bonds totalled **US\$1.0 trillion** during full year 2021, an **increase** of **45%** compared to full year 2020 and an all-time record for Green, Social and Sustainability bond categories.

During full year 2021, **Green bond** issuance totalled **US\$488.8 billion**, nearly **double** full year 2020 levels and an all-time record. For full year 2021, **Social bond** issuance totals **US\$192.9 billion**, a **17% increase** compared to 2020 levels and an all-time record. During full year 2021, Sustainability bonds totalled **US\$186.0 billion**, **up 49%** compared to a year ago.





## Circularity is a Trillion-dollar Opportunity for Australia



If Australia wholly embraced circularity, it would generate \$1.9 trillion in economic benefits over the next 20 years save 165 million tonnes of CO2 per year by 2040.

A move towards circularity can help organisations address their most immediate needs in new ways that unlock capital and labour to build competitive advantage, create new profit pools and drive innovation.

Across an entire economy, this move creates jobs, systemic resilience and resource security.



Australia generates

74

Million tonnes of waste per year



180%

Percentage increase in commodity prices since January 2000.



Australia could generate

\$1.9 trillion

through circularity



Australia could save

165

Million tonnes of CO2 through circularity





## **Billions for Australian Industries**

Direct economic benefits (household, industry and government savings and positive externalities) of going circular from 2021 to 2040



### High priority opportunities

	•
Built environment	Modular construction
	3D printing
	Sharing space
	District cooling
	High value recycling and reuse
	Intermodal Transport Systems
Mobility	Electric Vehicles
	Autonomous Vehicles
Community	Energy consumption and
	purchasing attitudes
	Sorting and recycling
	Food waste reduction
Industry	Increased use of renewable
	energy in production
	New markets for value add
	product such as green steel

### Quantified benefits

\$ material savings \$ labour savings \$ electricity savings % faster time to market * CO2 reduction	\$773 billion  20 year cumulative benefits
\$ accident reduction \$ congestion savings \$ fuel savings % lives saved * CO2 reduction	\$111 billion  20 year cumulative benefits
\$ electricity savings \$ increased value of recycling * CO2 reduction	\$175 billion  20 year cumulative benefits

A circular built environment could generate \$773 billion in direct economic benefits over twenty years and save 3.6 million tonnes of CO2 per year in Australia by 2040

A circular transport system could generate \$111 billion in direct economic benefits over twenty years and save 144 million tonnes of CO2 per year in Australia by 2040

Circular communities could generate \$175 billion in direct economic benefits over twenty years and save 16.7 million tonnes of CO2 per year in Australia by 2040



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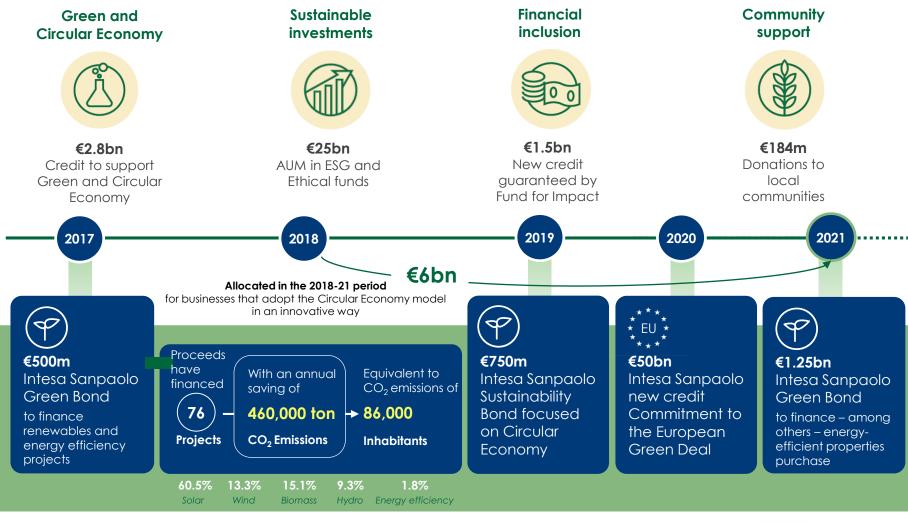
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## At our Clients' Service for a Sustainable Development

2017-2021 – Trailblazer in sustainable finance





















## Renewed Dedication to the Green Transition and ESG

2022-2025 - World-class position in Social Impact and strong focus on Climate

# Green and Circular Economy



# €115bn Additional credit to support Green Transition

### Proprietary ESG Scoring



Assessment across 140 quantitative KPIs using 20+ descriptors

### Diverse ESG Team



~100 ESG Specialists At least one ESG lab in each regional governance centre

2022 2023 2024 2025



### Oct 2021

Member of the Net-Zero Banking Alliance (NZBA)



#### Nov 2021

Eurizon &
Fideuram Members of the
Net Zero Asset
Managers
Initiative



#### Dec 2021

ISP Vita – Member of the Net Zero Asset Owners Alliance & Net Zero Insurance Alliance





















# **EU Action plan for Circular Economy**

Context and measures to be adopted



On March 11<sup>th</sup> 2020, the European Commission published a new Action plan for circular economy, an integral part of the European Green Deal, with the aim of directly involving businesses and communities. Initiatives will be based on measures such as:

- Making products more sustainable: ecodesign framework, durability, upgradability, right to repair and product as a service;
- Offer more information and awareness to consumers: information about products lifespan, repair services, spare parts and repair manuals
- Reprogramming the resource-intensive sectors: such as the electronics and ICT sector, textiles, plastics, packaging, construction, batteries and electric vehicles and food;
- Intensify the reduction of waste: extended producer responsibility, harmonization of separate waste collection systems, value from "recycled in the EU"

The key role of the Green Deal, with circular economy as a main driver, has been confirmed in the definition of Next Generation EU instrument and of the reinforced 2021-2027 budget of the EU, which aims to allocate 30% of overall spending across programs to climate-related investments.





## Institutional Commitment in Hong Kong and China



HONG KONG . MACAO

ISP chairs the Green and Circular Economy Committee at the Italian Chamber of Commerce in HK and Macao.

The Committee aims to challenge business as usual and rethink opportunities in Hong Kong. The three main pillars are:

- 1. Create Value for Chamber's Members;
- 2. Export Italian Know-How; and
- 3. Leverage Institutional Dialogue.





ISP is a member of the Sustainable Finance Working Group.

It organized the September 2021 Forum - "EU and Hong Kong: The Green Way: Moving Closer to Climate Neutrality, Together", which allowed government officials, business executives and industry experts in the sustainability landscape to exchange ideas on:

- 1. Green finance multilateral cooperation;
- How society can green its transport; and
- 3. How we can build smart, green cities.



Hong Kong General Chamber of Commerce 香港總商會1861 ISP is in the **Environmental and Sustainability Committee**, which organized the following webinars:

- 1. Putting Hong Kong on the Map for Green and Sustainable Finance
- 2. Modelling Climate Risk: Quantifying the Business Impact of Climate Change
- 3. Towards Plastic-Free Eateries: How Will Hong Kong Phase Out Plastic Tableware? Regarding Scheme on Regulation of Disposable Plastic Tableware





## ISP top ranking in the Main Sustainability Indexes

## INTESA m SANPAOLO

### Top Ranking<sup>(1)</sup> for Sustainability

**BBVA** 

MSCI 🛞

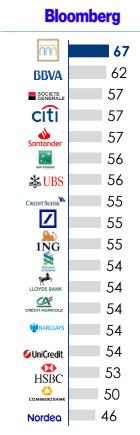


Recognized as Leader in Sustainable Finance, Intesa Sanpaolo is listed in the Down Jones Sustainability Indices, and the 2021 Corporate knights "Global 100 Most Sustainable Corporations in the World Index"



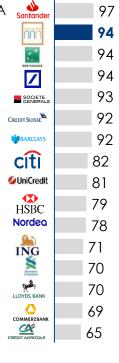
In 2021 ranking by Institutional Investor, ISP was Europe's Best Bank and Italy's Best Company for ESG Aspects

In October 2021, ISP was included in the Euronext - Borsa Italiana MIB ESG Index









S&P Global

**BBVA** 

**UBS** 

AAA

AAA

99

99



SUSTAINALYTICS

























CORPORATE RISK Rating (sustainalytics.com)

Note: 1) Intesa Sanpaolo Peer Group

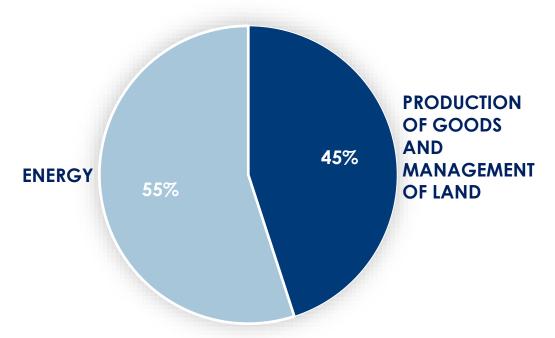


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# Circularity can reduce almost half of emissions from goods production

### **GLOBAL CURRENT EMISSIONS**



# HOW THE CIRCULAR ECONOMY HELPS TACKLE CLIMATE CHANGE



Design out waste and pollution to reduce GHG emissions across the value chain



Keep products and materials in use to retain the energy embodied within them



Regenerate natural systems to sequester carbon in soil and products

**Transitioning** to **renewable energy** and energy efficiency can **only** address **55%** of **emissions**. The remaining 45% comes from producing the cars, clothes, food, and other products we use every day.

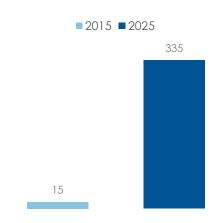
Applying circular economy strategies in just five key areas (cement, aluminum, steel, plastics, and food) can **eliminate almost half** of the **remaining emissions** from the **production of goods** – **9.3 billion tonnes** of CO2e in 2050 – equivalent to cutting all transport emissions to zero. Switching to **regenerative food production** globally would reduce emissions by **3.9 billion tonnes** of CO2e equivalent per year by 2050.



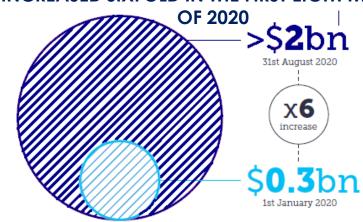


## The Circular Economy Transition is Happening

# THE SHARING ECONOMY IS EXPECTED TO GROW TWENTYFOLD BY 2025 (USD BILLION)



# ASSETS MANAGED THROUGH PUBLIC EQUITY FUNDS WITH A CIRCULAR ECONOMY FOCUS INCREASED SIXFOLD IN THE FIRST EIGHT MONTHS



Number of companies globally with transformative 2025 plastics circularity commitments grew from 1 to over 200 in just 3 years. Collectively, they amount to 20% of all plastic packaging produced globally.

X2 The refurbished medical equipment market is expected to nearly double by 2025

Public equity funds with the circular economy as a sole or partial investment focus on average performed 5.0 percentage points better than their Morningstar category benchmarks in H1 2020





## Circular Business Models Create Value in Many Ways

Create new markets that affect cash flow profiles and balance sheets differently from ownershipbased models.

Renault offer **battery leasing** arrangements for electric vehicles and launched ZITY. an all-electric car-sharing service. W RENAULT



Cisco operates a Takeback and Reuse Program, which through encouraging cycles of use, has created subscription revenue for 11 111 11 the company in different markets. CISCO

Caterpillar, through its Cat Reman programme, reduces owning and operating costs by providing sameas-new quality components at a fraction of the cost of anew part.

By offering an IoT-enabled 'printingas-a-service' subscription model, HP taps into a new market, while facilitating closed-loop recycling of cartridges.

### Be more productive with resources

Brazil HP partners with Sintronics to create value out of HP end-of-use electronic equipment, which enables their clients to reduce costs by up to 30%, and results in 97% of the collected materials and components being returned into the supply chain.



SINTRONICS

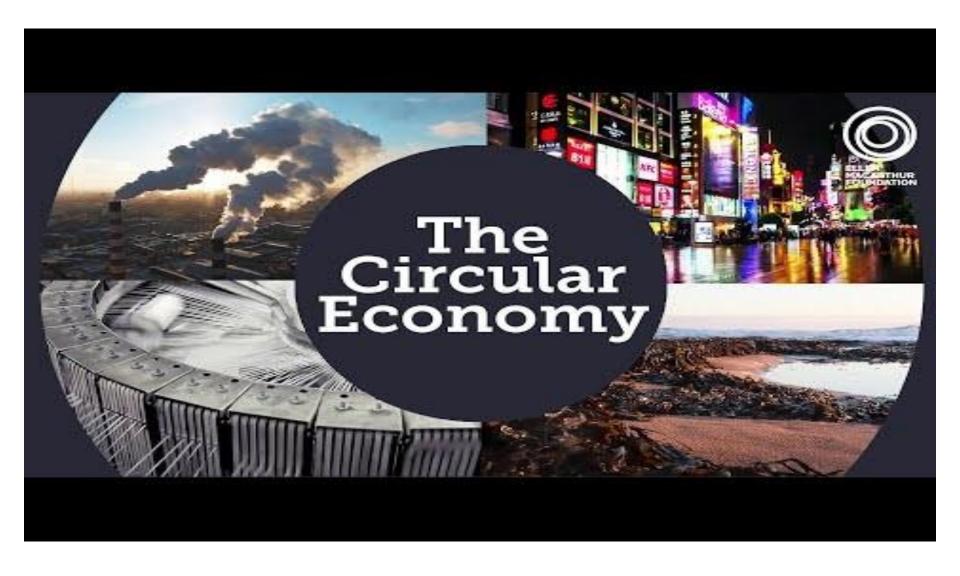
Rolls Royce's 'Power-by-the-Hour' engine maintenance enables up to 95% of used engine parts to be recovered or recycled.

### Create value out of by-products

AB Inbev turns brewing byproducts into protein-rich food products. **ABInBev** 

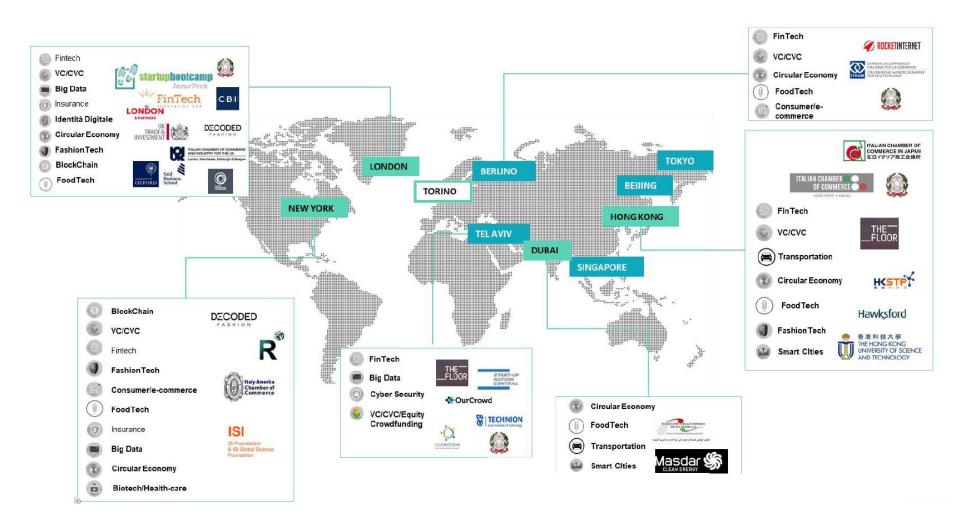






# Intesa Sanpaolo Innovation Center

An International network focused on Innovation





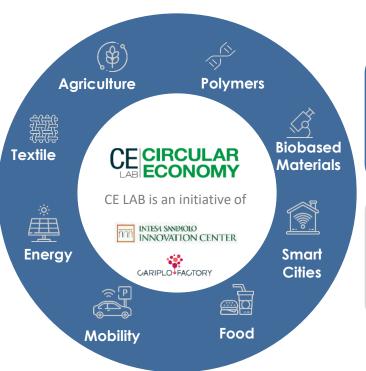
# Circular Economy Lab, Milan

A space dedicated to the Circular Economy, Open Innovation and Young Talents

















# **Circular Economy Lab**

CE Lab's innovative services aim to meet the needs of companies along the circular transformation path

Knowledge Awareness

Planning Scouting Transformation Monitoring

CE Transformation Path



### **Circular Education**

Promote the dissemination of Circular Economy knowledge through initiatives that involve stakeholders at national and international level



### **Circular Connection**

Create an Open dialogue on Circular Economy, leveraging a huge national and international network of companies, universities and partners



## **Circular Innovation**

Circular Economy Advisory on Open Innovation programs aimed at finding innovative technologies and solutions to meet the Circular transformation needs of companies

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## How we Support Clients in Achieving ESG Targets

## **Loan Structuring**

Multiple corporate lending solutions (incl. Green Financing; Sustainability-Linked Financing, Project Finance)



**Debt Capital Market** 

**Green Bond expertise** 

3 ESG-linked hedging

Sustainable hedging solutions

4 Circular Economy solutions

Circular Economy plafond

## ESG and Green deals in APAC, 2021

Most recent Intesa Sanpaolo's Sustainable Finance transactions

### **ESG/Green Corporate Banking Transactions**





India
USD 700 mln
SLL Syndication

SLL Syndication
Sustainability Coordinator

December 2021



Hong Kong
USD 900 mln
SLL Syndication

Sustainability Coordinator

September 2021



Cina RMB 2 Bil Green Finance March 2021



India
USD 750 mln
ESG Refinancing

February 2021



Singapore
USD 325 mln
ESG RCF

March 2021



Australia
AUD 730 mln
ESG Refinancing

February 2020

**INDORAMA** 

Thailand USD 255 mln Sustainability Linked Loan

### **Green/Renewables Project Finance Transactions**

#### November 2021

### adani

USD 700 mln

Green Loan

MLA

July 2021



India USD 191.8 mln SECI 300MW Solar Farm

ECI 300MW Solar Far MLA July 2021



Australia
AUD 287 mln
Refinancing

MLA & Hedging Bank

June 2021



Australia
EUR 308 mln
Multi-Tranche Term Loan

MLA

May 2021



Australia AUD 90 mln

Refinancing MLA & Hedging Bank March 2021



India
USD 1,350 mln
Multi-Tranche Green Loan

MLA & Bookrunner

June 2020



Australia AUD 260 mln

Refinancing MLA, Lender & Hedging Bank



## **Circular Economy Plafond**

The 2022-25 Business Plan of Intesa Sanpaolo includes two specific actions to **support the Circular Economy**:

- (1) An additional Credit Commitment of up to €115 bn and
- 2 An additional €100m in Corporate Venture Capital investment vehicle, supporting startups that intend to penetrate new markets and key industries, focusing on circular economy

The €115bn credit commitment (Circular Economy Plafond) allows to provide the most innovative clients/projects with facilities at very favourable terms. Access to these credit facilities is evaluated against a set of five eligibility criteria developed in partnership with the Ellen MacArthur Foundation



A Wealth Management, Protection & Advisory Leader Zero-NPL, Digital & Fee-Driven

Intesa Sanpaolo 2022-2025 Business Plan

February 4, 2022

### **Eligibility Criteria**

1. Product life extension



2. Renewable resources



3. Resource efficiency and effectiveness



4. Recyclable products



5. Enabling technologies



# **Circular Economy Projects**

Corporates supported by Intesa Sanpaolo in their circular transformation

Agriculture, Food & Beverage	Development of an innovative, <b>compostable packaging</b> that prolongs shelf life of vegetables
Chemicals & Materials	<b>Recovery</b> of <b>batteries</b> from laptops and production of new ones from secondary raw material
Construction & Furniture	Recovery of <b>municipal waste</b> , re-used to create <b>construction material</b> for new buildings
Energy, Water & Utilities	Production of <b>biomethane</b> and compost from agricultural <b>organic waste</b> , also recovering CO2
Fashion & Textile	Utilisation of an innovative production process to produce <b>compostable jeans</b> and textiles
Industrials & Manufacturing	<b>Recovery</b> and re-utilisation of <b>byproducts</b> and <b>wastewater</b> , powered by renewable sources
Mobility, Logistics & Infrastructure	Disassembly, recovery and <b>regeneration</b> of multiple components from <b>end-life vehicles</b>
Technology & Business Solutions	Realisation of an <b>advanced smart grid</b> that enables scale-up of <b>renewable energy</b> utilisation



### **Main Circular Economy Term Loans**



€30m Term Loan Italy

December 2021



€100m Term Loan Italy

September 2021



€40m Term Loan Italy

June 2021



€30m Structured Finance Italy

March 2021



€240m Term Loan (1) Italy

December 2020



€70m Term Loan Italy

December 2020



€20m Term Loan Italv

November 2020



€800m Term Loan Italy

March 2020



€30m Term Loans Germany

December 2019



€120m Term Loan Italy

December 2019

Retail & Distribution

€70m Term Loan Italy

November 2019

Energy, Water & Utilities

€10m MLT Loan Italy

September 2019



€200m Term Loan UK

May 2019

Logistics & Infrastructure

> €150m Term Loan Italy

March 2019

Retail & Distribution

€130m Term Loan Italy

February 2019



€10m Term Loan Italy

February 2019

"The Circular Economy represents a huge opportunity to reconnect Business & Society, re-thinking financial instruments to support the re-design of the industrial ecosystem"

#### **EDOARDO FRANCESCO SABATINO**

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Intesa Sanpaolo – IMI Corporate & Investment Banking
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