CBI and the “CBI Globe”
Open Finance Ecosystem

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CEO
 Agenda

- CBI S.c.p.a.
- CBI and the PSD2 landscape: focus on CBI Globe
Key Figures and governance of CBI S.c.p.a.

- **CBI** is a public limited consortium company and an **industry utility** that supports the financial system. CBI aims at broadening the range of services offered to the Public Administration, corporates and citizens in order to promptly and effectively respond to new international market challenges.

- **Supervised by the Bank of Italy pursuant to art. 146 TUB** (Banking Act) for the management of technological and network infrastructures.

### Key Figures

**CEO of the Italian Banking Association** as the Vice-President of CBI

- **404** Banks/Financial Intermediaries

- **~ 450 customers as Banks, P.A. and Technical Providers**

- **~ 11 payment and network services offered**

- **~ 20 millions of revenue stream**

**~ Appointed by PagoPA as a Qualified Agent** to facilitate the connection between the banking sector and the PA

### CBI Shareholders

- **Intesa Sanpaolo**
- **Iccrea Banca**
- **Monte dei Paschi di Siena**
- **UBI Banca**
- **Credem**
- **UniCredit S.p.A**
- **Banco BPM**
- **Banca Sella S.p.A.**
History of CBI: 20 years of successes

- **20 years** of support to the Italian Financial Sector
- Historical business in **transaction banking**
- Liaison with corporates, citizens, and the Public Administration
- **Digital payment** and **Open Finance services**

CBI performs a remarkable **standardization activity** both at the domestic and international levels. CBI also constitutes a **collaborative platform** enabling the development of interoperable **value-added** services.
CBI carries out a relevant standardization activity, taking part in a variety of domestic and international bodies.

In the interest of the financial community, CBI pursues the compliance with national and international standards as well as the interoperability of services, exploring new business opportunities in the payments and finance ecosystem.
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PSD2: the Open Banking enabler

The **2015/2366/EU Directive**, known as the PSD2, defines a common legal framework for the payments market in the European Economic Area (EEA). The PSD2 aims to increase the level of **integration** and **efficiency of the EEA market**, as well as to enhance the **level of trust and protection** of consumers through the use of new authentication principles.

<table>
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<tr>
<th>Objectives</th>
<th>Areas of intervention</th>
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<tr>
<td>• To define a <strong>common legal framework</strong></td>
<td>• <strong>Transparency</strong> for consumers, obligations for Banks and the extension of the scope of application in relation to the PSD1</td>
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<td>• To regulate the payments market, which is characterized by an increasing complexity due to the growing number of players and the digital evolution;</td>
<td>• Strengthening of <strong>security requirements</strong> (e.g. Strong Customer Authentication)</td>
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<td>• To harmonize the European regulatory framework in this area;</td>
<td>• Application of the infrastructure i.e. &quot;Access to Account&quot;, which requires Intermediaries to expose account information and payment initiation services to third parties. In doing so, Intermediaries have to use a technical tool (e.g. API), to provide customers with the possibility to authorize third parties to access their account on a real-time basis, without prior consent to be released by the customer’s Intermediary.</td>
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<td>• To increase the level of <strong>integration</strong> and <strong>efficiency</strong> of the market</td>
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CBI: from open banking to open finance

As a pre-competitive interbank ecosystem, CBI identified in 2017 the opportunity to support the financial industry to meet the requirements depicted by the PSD2 and to guarantee savings of around 40% to the domestic banking sector.

**2017**
Definition of «CBI Implementation Guidelines» for the adoption of mandatory API standards in the PSD2 area and publication on www.gotoapi.com

**2018**
Launch of **CBI Globe** to interconnect TPPs and ASPSPs according to **PSD2** requirements

**2019**
1° June 2019: CBI Globe goes-live

**2020**
Go Live of the new CBI Globe functionality, “**TPP Enabler**”, which allows the technical integration among Third Party Providers and ASPSPs performing an active role within PSD2 scenario

CBI as the **Information Broker** between banks and the National Competent Authority (Bank of Italy)
A) Open Banking implementation guidelines

Thanks to its **20 years experience in the development of community payment services** and **collaborative frameworks**, CBI has been called upon by its financial constituency to identify implementation guidelines to facilitate the adoption of the PSD2 and enable the establishment of the Open Banking.

The documentation has also been shared with working groups of experts belonging to main international bodies (e.g. Berlin Group, ISO, ...), in order to **guarantee a high level of domestic and cross-border interoperability**. The guidelines are based on the Berlin Group (BG) **NextGenPSD2 specifications** and comply with the internal BG policy of use (no major changes, clarifications and reformatting only).

CBI main goals:

- **To enhance the interoperability** among PSPs through the identification of **common technical references**
- **To reduce the fragmentation** of the financial market
- **To offer neutral implementation guidelines**
- **To create awareness and knowledge** about PSD2/RTS within the Italian financial community
B) CBI Globe: ecosystem to support Open Finance

- Implementation Guidelines API PSD2 CBI
- Single Point of Access
- Sandbox
- Shared Services
  - Operative Framework shared among adherents
  - Versioning API and documentation update
  - 1° level Help Desk
  - System Integration
  - ...
- TPP Enabler
- PSD2 RegTEch Gateway
- Bank/Intermediaries
- Bank (ASPSP) / IT Provider

• ~300 banks are natively integrated “southbound” (80% of Italian banking market)
• 100% of Italian banking market connected to TPP Enabler solution
• +160 Fintech operating through the platform
• >20 mln API Calls* orchestrated by CBI Globe

(*) last update November 2020

www.cbi-org.eu
B1) CBI Globe Platform – PSD2 RegTech Gateway - 1

CBI has carried out a second initiative, developing an API Platform whose aim is to facilitate the connection between Banks and Fintech companies, in compliance with the PSD2 requirements.

Thanks to the centralization of various “shared services” (e.g. TPP recognition and authentication, operational monitoring, 1st level Help Desk, technical updates of the solution, …) “CBI GLOBE – Global Open Banking Ecosystem” facilitates the interconnections between ASPSPs and TPPs in order to reduce investments and the technical complexity, otherwise to be held up by its participants.

CBI Globe main goals:
- Cost reduction through the implementation of a common technological solution
- Operational savings thanks to the centralization of several common services
- Interoperability guaranteed by a community solution designed on PSD2 technical specifications issued from a pan-European API initiative (Berlin Group)
- Enhanced Business opportunities and User experience through the presence of a common solution
- Market Open banking solution open to all the EEA space (TPP and ASPSP side)
- TPPs directly involved within the initiative (consultation and market test)

See Next slides
CBI Globe is a RegTech platform that supports Intermediaries (ASPSP) to be compliant with the PSD2 and to develop new features in the Open Banking area.

The collaborative solution CBI Globe enabled banks to save 40% of investments needed to ensure compliance with the PSD2.

Through CBI Globe, PSPs can take advantage of business opportunities enabled by the new market scenario to develop services that allow the transition from an open banking to an open data paradigm.
B2) CBI Globe – TPP Enabler

CBI Globe has recently developed a functionality that facilitates the interconnection among Third Parties and ASPSPs. Through a single connection granted by CBI Globe, TPPs can easily communicate with the 100% of Italian ASPSPs market and with the main European Open Banking gateways. Technical updates and the API versioning are centrally managed by CBI.

**CBI main goals:**
- To enhance TPPs abilities to connect via a single point of access to several ASPSPs
- To harmonize workflows and technical specifications via a single Gateway
- To centralize technical developments and updates
Open Finance: a wide range of fully integrated services

• Open Finance will **widen the range of services addressed to corporates and SMEs** (es.: Analytics for treasurers, Cross-border real-time payments, OpenAPI in cash management)

• CBI Globe increasingly represents an **open finance ecosystem** that enables a widespread adoption of value-added services, ensuring the circularity of initiatives

• Given the **API integration of Fintech Services**, intermediaries can offer innovative and tailored services (es. Value chain analytics, a multibank platform for trade finance)
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