



SUPTECH WORKSHOPS

ABOUT BR-AG

Focused on building trusted and efficient data ecosystems in the financial sector, BR-AG for over 15 years has been a strategic partner for central banks, market supervisors, business registers, banks, insurers and other market players in their drive towards digitization and data transformation.

Bringing together IT and business analysis know-how and regulatory intelligence, BR-AG has embraced a holistic view of the financial sector data universe and developed expertise and toolkits that aid and enable to harmonize data flows, boost the transparency, shareability and interoperability of financial and regulatory data and make the best of technical data exchange standards and identifiers (XBRL, ISO20022, SDMX, LEI, UPI, UTI).

The fields of expertise cover data governance and management in the financial sector, ICT infrastructure, supervisory financial data reporting, transaction reporting, data modelling and analysis. The team members contribute to professional community's initiatives led by recognized bodies (such as the European Banking Authority, the Eurofiling Foundation, the Frankfurt Group Technical Workshop on Optimization of Data Standards hosted by the European Central Bank, XBRL International). BR-AG has been actively engaging in presentations, training and workshop sessions and international level conferences.

SUPTECH WORKSHOPS

The level of complexity, volume and granularity of data rise, following the changes in financial ecosystems on the global and national levels and consequently changing supervisory data needs. Central banks and financial supervision authorities adapt their SupTech roadmaps and strategies and build internal capabilities accordingly, in particular in the areas of organisation-wide data governance and management as well as IT infrastructure.

In order to assist with the development of a successful SupTech Strategy, adopt best practices of global SupTech developments and follow the EU roadmap, we propose SupTech workshops, designed and conducted by experts experienced in regulatory and supervisory data management projects focused on policies, data standards, methodologies and technologies.

We use Regulatory Design Thinking (RDT) approach, which is a well-established international methodology particularly fit to address complex, non-linear problems in multi-stakeholder and multi-disciplinary areas. RDT is regarded as a system of three overlapping spaces, in which viability refers to the business perspective, desirability reflects the user's perspective, and feasibility encompasses the technology perspective.

Our SupTech workshops are dedicated for data-driven central banks and are designed in response to the data governance and data management challenges that central banks and financial supervision authorities face and are striving to solve in the most effective, agile and well-informed ways.

Workshops aim to explore and demonstrate the challenges and opportunities for both short-term, immediate knowledge and skills transfer as well as long-term capability development in order to enable the executive, business and technology experts in central banks to govern, implement and exploit the benefits of data standards, methodologies and technologies and understand the consequences and interconnectedness of decisions made in different data and policy areas.

Regulatory Design Thinking

WHY?

Objectives and Planning

- Outlining possible project objectives taking into account the organisation's strategies

HOW?

Policies and Data Frameworks

- Demonstrating data governance with regard to regulatory and supervisory policies and frameworks

WHAT?

Standards, Technologies & Impacts

- Metadata management techniques and technology formats
- Definitions and regulatory concepts
- Financial data exchange standards: ISO20022, XBRL, iXBRL, XML, SDMX

WHO?

Data Users and Stakeholders

- Stakeholders: internal incl. the processes and data infrastructures and external (e.g. data collection portals and interoperability platforms)

Proposed Workshops Areas

▶ Changing regulatory and supervisory landscape and overview of global trends and key principles for collaborative supervisory ecosystems:

- EU environment
- International environment

▶ Common data architectures, dictionaries and standards (DPM, XBRL, ISO20022, SDMX, LEI and others):

- Data modelling
- Taxonomy modelling
- Standardised supervisory reporting requirements

▶ Overview of supervisory and regulatory reporting frameworks

- ESG/Sustainability
- Basel
- IFRS
- EBA frameworks
- Etc.

▶ Data Collection:

- Regular and ad hoc, automated and real-time reporting tools, use cases, requirements and possibilities
- Data governance, validation, visualization and consolidation platforms, tools, use cases, requirements and possibilities

▶ Data quality assurance

▶ Data Analysis:

- Market surveillance including insider trading and manipulation ideas and analytical approaches
- Misconduct analysis including AML/CFT, fraud and mis-selling analysis opportunities
- Macro-prudential including forecasting, emerging risks signalling, financial stability impact analysis and policy evaluation analysis models and opportunities
- Machine-supported granular, algorithmic analysis

▶ IT architecture, systems and applications:

- Innovative aspects, including cloud, big data algorithms, APIs, and machine-readability
- Integrating data collection platform with data governance and analytical systems
- IT systems design and development

▶ Data transformation facilitated by SupTech

- Data granularity and data aggregation
- Data integration and interoperability
- Potential and reusability of data across frameworks, departments and stakeholders

▶ SupTech roadmap development and implementation:

- Discussion to identify and analyse relevant problems, use cases and solutions
- Findings summary analysis

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