

EU POLITICAL LEADERSHIP: Green Deal & Digital Policy

European Green Deal



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EUROPEAN GREEN DEAL

- **Green Deal priorities and Digital Agenda:** Digital technologies are a critical enabler for attaining the sustainability goals of the [Green Deal](#) in different sectors
- **Decarbonising the energy system:** it is essential to ensure that the European energy market is fully integrated, interconnected and digitalised.
- **Investment challenge:** EU should promote and invest in the necessary digital transformation and tools.
- **Interoperability:** accessible and interoperable data are at the heart of data-driven innovation.





EUROPEAN DATA STRATEGY – RATIONALE





EUROPEAN DATA STRATEGY

Digital technologies could help reduce emission **by 7 times more** than the amount created by the ICT sector, reduce global emissions **by up to 15%**



**Energy
networks**



**Precision
farming**



**Mobility and
transport**



**Smart
buildings**



**Green data
spaces**



**The power of
data**

- Common European energy data space
- Smart Sector Integration strategy
- Interoperability
- Smart buildings and products

AI WHITE PAPER

- **Revision of the AI Coordinated Plan** – by the end of this year
- The plan is scheduled to run **until 2027**
- Aim: to maximise the impact of investment in research, innovation and deployment
- Over **€20 billion** of total investment in AI in the EU **per year over the next decade**
- Energy as a service of public interest, together with transport, education, and waste management

More investment is coming **now until the end of 2020**:



RESEARCH
& INNOVATION

Under Horizon 2020
€1.5 billion
for the period 2018-2020

€20 billion

of combined public and private investment
for the period 2018-2020

To establish a solid base for AI in the future, more investment is needed **after 2020**:



AI

€20 billion per year
of combined public and private investment

€1 billion per year

through Horizon Europe and the Digital Europe Programme

Consumer protection and privacy

Digital Services Act

- Adoption – Q4 2020 (likely postponed).
- Single market for digital services
- IMCO [draft report](#) on a Digital Services Act in April 2020.

New Deal for Consumers

- 2 years to transpose the [Directive](#) into Member States legislation
- Applies to contracts for the supply of electricity, gas, water or district heating.

ePrivacy Regulation (ePR)

- Beyond the GDPR scope – not only natural persons, but also legal entities
- Consequences for energy companies
- The European Council once again rejected the latest draft at the end of 2019



Priorities and questions to ask

- Education and awareness: closing the digital skills gap, public acceptance
- Ethical guidelines and human-centric approach
- Cybersecurity, data protection and privacy
- Power sector needs to have a better awareness of AI and digital
- Public and private investments – ambitious EU budget required
- Consistency between the current and future EU regulatory frameworks



What Does It Mean For Our Sector & Beyond Digital Platform?

- Over the course of the coming months we will:

Analyse & consult

- Mapping out the stakeholder and policy landscape, building a community

Design a common AI vision

- ...for the power sector in a post-digital age

Draft a white paper

- Defining the necessary steps: from funding required for innovation to enabling regulatory framework.

Engage with policymakers

- Findings to be discussed with the EU decision-makers during high-level events

Raise awareness & connect

- Strengthening the links among business, policy and technology



Thank You!

#BeyondDigital