



AIOTI

SIGNATURE EVENT

IoT and Edge Convergence – Moving towards
European solutions

30
Nov | Webinar

2021

Golden sponsor:

SIEMENS

Event Partner:

 **Fraunhofer**
FOKUS

Forward looking session:

*How IoT and Edge Computing enable
achieving Green Deal targets: Circular
Economy/Green IoT*

AIOTI Digital for Green Vision

- Document initiated in April, finalized in November
- It introduces the AIOTI vision for the impact of IoT and Edge Computing on Green Deal policies and objectives.
- The main objective of this report is to discuss the steps to be followed in order to
 - (1) identify the high-level objectives of and challenges imposed by the EU Green Deal and key resulting Data policies
 - (2) show IoT and Edge Computing business driven scenarios and use cases that can support these objectives and challenges In addressing key EU Green Deal and Data policies and
 - (3) provide high level policy, business, research and standardisation recommendations on addressing these high-level Green Deal challenges and objectives
- Vision can be found here: <https://aioti.eu/wp-content/uploads/2021/11/AIOTI-IG-Digital-for-Green-Vision-R1-Final.pdf>

AIOTI Digital for Green Vision - Content

- **EU Green Deal and Data policies**
 - Overview of the EU Green Deal policies
 - EU Green Deal
 - Overview of additional EU Green Deal regulations
 - Fit for 55 initiative
 - A Socially Fair Transition
 - Climate change: EU Parliament stimulate renewable hydrogen, integration of energy systems
 - Just Transition Fund fund to ensure no one is left behind on the road to a greener economy
 - EU plan puts spotlight on carbon sinks to tackle climate change
 - Overview of Data Policies
- **Relations of EU Green Deal policies to other Global Green Deal Policies**
 - USA Green Deal policies
 - China Green Deal policies
 - Other Green Deal policies

AIOTI Digital for Green Vision – Content (2)

- **High level Green Deal challenges and objectives**
 - Overview of IoT and Edge computing (Digital Transformation)
 - IoT and edge computing research challenges and objectives
 - IoT and edge computing standardisation challenges and objectives
- **Scenarios and Best Cases**
 - IoT and Edge computing business driven Scenarios
 - IoT and Edge computing Best Cases
- **Recommendations**
 - Research high level recommendations
 - Standardisation high level recommendations
 - Business driven high level recommendations
 - Policy driven high level recommendations

AIOTI Digital for Green - Other Important Topics

- Sustainable Product Initiative / Product Passport
- Energy Efficiency Directive Recast
- Renewable Energy Directive Recast