CROSS FERTILISATION THROUGH ALIGNMENT, SYNCHRONISATION AND EXCHANGES FOR IoT

Results

Project Information

CREATE-IoT

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€ 2 999 999

Coordinated by
SINTEF AS
Norway

Deliverables

Documents, reports (37)

IoT Data Value Chain Model Evaluation & Final IoT Data Value Chain Model.
D05.04 IoT Data Value Chain Model Evaluation & Final IoT Data Value Chain Model: The evaluation report as well as the updated IoT Data Value Chain Model (D05.03) and a recommendation report beyond this project (SINTEF, IDATE, AL, TL, GRAD, UNP)

IoT Data Value Chain Model
D05.03 IoT Data Value Chain Model: The initial report providing a data model for IoT (AL, SINTEF, PHILIPS, IDATE, TL, GTO, GRAD, UNP, DCAT)
Final report on IoT standardisation activities
D06.06 Final report on IoT standardisation activities. Final report on the coordinated IoT standardization activities. (ERCIM, SINTEF, ETSI, TL, NUIG, MI)

Evolution of IoT FA.
D01.02 Evolution of IoT FA: Roadmap of IoT in Europe presenting next stages of IoT deployment and the evolution of IoT FA. Result of sharing ideas and concepts at European level, and alignment with activities at the national level and similar activities in countries and regions outside Europe. Landscape analysis of IoT large-scale pilots in MMS, PPPs, Cluster Book contribution. (SINTEF, ATOS, PHILIPS, IDC, IDATE, BLU, GRAD, NUIG, MI, AS)

List of the IoT Community of Artists.
D03.05 List of the IoT Community of Artists: Wiki and brief report documenting selected IoT Arts-Science collaborations (FE, ARTS)

IoT FA dissemination and collaboration activities report year 3
D07.05 IoT FA dissemination and collaboration activities report year 3: This deliverable describes the events that have been carried out in Year 3, the synergies in the LSPs and the impact these events have had on the communities affected, web site and event statistics. (IDC, SINTEF, IDATE, AL, TL, GRAD, UNP, NUIG, MI)

IoT as a key pillar of EU digital economy
D04.01 IoT as a key pillar of EU digital economy: Recommendations report with unified visions across Europe for maximising impact of IoT in the implementation of the digital single market and for analysing the potentials of IoT as enabler of the Circular Economy. (GRAD, SINTEF, ATOS, PHILIPS, AL, BLU, DCAT, ISMB, MI, AS)

Mid-Term progress report
D08.02 Mid-Term progress report: Mid-term progress internal evaluation report. (SINTEF, All)

IoT Policy Framework Evaluation & Final IoT Policy Framework
D05.02 IoT Policy Framework Evaluation & Final IoT Policy Framework: The evaluation report as well as an updated IoT Policy Framework (D05.01) and a recommendation report beyond the project (TL, SINTEF, ATOS, AL, BLU, MI, AS)

IoT FA dissemination and collaboration activities report year 1
D07.03 IoT FA dissemination and collaboration activities report year 1: This deliverable describes the events that have been carried out in Year 1, the
Communication Plan
D07.01 Communication Plan: This deliverable describes the communication objectives the timing and the channels that are expected to be used. It describes methods to leverage and influence the plans of the LSPs own communication strategies. (IDC, SINTEF, IDATE, AL, ARTS, UNP, NUIG, DCAT, MI, AS)

D07.07 Report on International Collaboration 2018: This deliverable describes all international activities carried during the reporting period (UNP, all partners)

IoT FA strategy and coordination plan.
D01.01 IoT FA strategy and coordination plan: Provides the framework for collaboration and exchange of information among various IoT activities, and focuses on the delivery of solutions of a global/common nature and scope. (SINTEF, ATOS, PHILIPS, IDC, IDATE, BLU, GRAD, NUIG, MI, AS)

Legal IoT Framework (Initial)
D05.05 Legal IoT Framework (Initial): The initial report describing the main regulatory and other legal ingredients of IoT, LSPs and similar IoT ecosystems (AL, SINTEF, TL, GTO, MI, AS)

Final management report
D08.04 Final management report: Final year management and financial report. (SINTEF, All)

EU research and innovation activities overall plan
D04.03 EU research and innovation activities overall plan: Overall framework plan for which will be the guidance for coordination between the different initiatives including specific goals and targets. (PHILIPS, SINTEF, ATOS, GRAD, ISMB)

IoT pre-normative activities
D06.04 IoT pre-normative activities: Report on IoT pre-normative activities. (ERCIM, SINTEF, PHILIPS, ETSI, TL, GTO, NUIG, MI, AS)

Business and sustainability models for large-scale IoT scenarios
D02.05 Business and sustainability models for large-scale IoT scenarios: This deliverable will present the analysis of the different business models derived from the experiences in the LSP and how they can be used for the creation of

synergies in the LSPs and the impact these events have had on the communities affected. (UNP, SINTEF, PHILIPS, IDC, IDATE, AL, TL, GRAD, NUIG, DCAT, MI)
sustainability models not only restricted to individual domains but combining several. (IDATE, SINTEF, ATOS, IDC, TL, GRAD, NUIG)

**EU IoT value chain integration framework**

D01.12 EU IoT value chain integration framework: Proposal of framework (with proper KPIs to allow measurement) to foster links among EU communities of IoT users and providers, Member States' and related initiatives and evaluation of the results achieved during the project within this framework. (GRAD, SINTEF, ATOS, AL, BLU, ISMB, MI, AS)

**Common methodology and KPIs for design, testing and validation**

D01.04 Common methodology and KPIs for design, testing and validation: First common methodologies and KPI for design, testing and validation and for success and impact measurement across various use cases and application domains. (IDC, SINTEF, ATOS, ARTS, TL, BLU, FE)

**First Year management progress report**

D08.01 First Year management progress report: First year management and financial report. (SINTEF, All)

**Communication Plan Update.**

D07.06 Communication Plan: Updated release with operational plan and KPIs. (IDC, all partners)

**EU research and innovation activities overall plan-evaluation**

D01.11 EU research and innovation activities overall plan-evaluation: Evaluation of the results achieved within the framework as proposed in D04.04. (SINTEF, ATOS, GRAD, ISMB)

**Second Year management progress report**

D08.03 Second Year management progress report: Second year management and financial report. (SINTEF, All)

**Assessment of convergence and interoperability in LSP platforms.**

D06.03 Assessment of convergence and interoperability in LSP platforms: Report on assessment of convergence and interoperability in LSP IoT platforms. (ETSI, SINTEF, AL, ERCIM, NUIG, MI)

**Strategy and coordination plan for IoT interoperability and pre-normative and standardisation activities**

D06.07 Strategy and coordination plan for IoT interoperability and pre-normative and standardisation activities: Updated merged document from D06.01 and D06.04 on strategy and coordination for defining IoT interoperability and pre-
normative and standardisation activities based on assessment of IoT-EPI and IoT LSPs approaches. (ETSI, SINTEF, ERCIM, NUIG)

**Initial report on IoT standardisation activities.**

D06.05 Initial report on IoT standardisation activities: Identification and initial coordination of IoT standardization activities. (ERCIM, SINTEF, ETSI, TL, NUIG, MI)

**Common methodologies and KPIs for design, testing and validation**

D02.03 Common methodologies and KPIs for design, testing and validation: The document will report the analysis of the KPIs reported by each LSP so as to select those common parameters that can be used horizontally to assess LSP success in any of the phases. (ATOS, SINTEF, IDC, IDATE, TL, GRAD, NUIG)

**IoT LSP handbook**

D02.01 IoT LSP handbook: This will contain reference terminology so as to facilitate cross fertilisation among all LSPs call. (GRAD, SINTEF, ATOS, ARTS, BLU, GTO, UNP, NUIG)

**Legal IoT Framework Evaluation & Final Legal IoT Framework.**

D05.06 Legal IoT Framework Evaluation & Final Legal IoT Framework: The evaluation report, the updated Legal IoT Framework (D05.05) and a recommendation report beyond this project (AL, SINTEF, TL, MI, AS)

**IoT FA dissemination and collaboration activities report year 2**

D07.04 IoT FA dissemination and collaboration activities report year 2: This deliverable describes the events that have been carried out in Year 2, the synergies in the LSPs and the impact these events have had on the communities affected, web-site and event statistics. (UNP, SINTEF, IDC, IDATE, AL, TL, GRAD, NUIG, MI)

**Strategy and coordination plan for IoT interoperability and standard approaches**

D06.01 Strategy and coordination plan for IoT interoperability and standard approaches: Strategy and coordination document for defining IoT interoperability and standards activities. (ETSI, SINTEF, PHILIPS, AL, ERCIM, GTO, NUIG, MI, AS)

**IoT landscape and alignment with European IoT SRIA**

D01.05 IoT landscape and alignment with European IoT SRIA: IoT landscape in Europe and alignment with activities at the national and global level. IoT SRIA/IERC Cluster Book. (SINTEF, ATOS, PHILIPS, IDC, IDATE, BLU, GRAD, NUIG, MI, AS)

**IoT Policy Framework**
D05.01 IoT Policy Framework: The initial report describing the main ingredients of the IoT policy framework (TL, SINTEF, ATOS, AL, BLU, GTO, DCAT, MI, AS)

Methodology for integrating ICT and Art
D03.01 Methodology for integrating ICT and Art: Wiki on the methodology for integrating ICT and the arts focusing on IoT creation, innovation and adoption. (ARTS, IDATE, BLU, FE). m12

Recommendations for commonalities and interoperability profiles of IoT platforms.
D06.02 Recommendations for commonalities and interoperability profiles of IoT platforms: Report on recommendations based on assessment of IoT-EPI and IoT LSPs approaches. (ETSI, SINTEF, AL, ERCIM, NUIG, MI)

Reference architecture for federation and cooperation between IoT deployments
D02.02 Reference architecture for federation and cooperation between IoT deployments: This deliverable focus on the technical aspects that will foster collaboration among LSPs. The initial content will be gathered on a dedicated workshop with LSPs. (SINTEF, ATOS, ARTS, UNP, NUIG)

Other (26)

Public-Private Partnerships collaborative event
D01.09 Public-Private Partnerships collaborative event. Collaborative event with invited IoT LSP projects and PPPs representatives to present to the former the outcomes of interactions of CREATE-IoT with PPPs in alignment with coordination goals of Task01.01 (ATOS, SINTEF, GRAD, ISMB)

IoT FA coordination conference
D07.08 IoT FA coordination conference: Conference for the coordination of the exchange of information on best practices among various initiatives covered by IoT FA. (ANYSOL, SINTEF, ATOS, IDC, IDATE, BLU, GRAD, NUIG, MI, AS)

Round-table at Ars Electronica
D03.08 Round-table at Ars Electronica: A round-table organised with the LSPs at ARS Electronica. (FE, ARTS, SINTEF)

Coordination Event: Common event with the IoT projects addressing security for supporting the common activities.
D01.08 Coordination Event: Common event with the IoT projects addressing security for supporting the common activities (SINTEF, ATOS, NUIG, AS)

Case study on LSPs co-creation workshops
D03.02 Case study on LSPs co-creation workshops: Case study on LSPs co-creation workshops: Booklet and video series on selected case studies about the co-creation workshops facilitated by artists in a real-life consumer environment. (ARTS, BLU)

IoT Data Value Chain Model Common Event

D05.09 IoT Data Value Chain Model Common Event: Common event with the LSPs and other stakeholders for refining the findings captured under D05.03 and D05.04 in view of their finalization. The event will, also, look into the related aspects beyond the duration of CREATE-IoT project. (IDATE, SINTEF, AL)

Workshop on evaluation of IoT FA based on common methodologies and KPIs

D01.06 Workshop on evaluation of IoT FA based on common methodologies and KPIs: Workshop for presenting the impact measurement across various use cases and application domains based on the common methodology and KPIs (IDC, SINTEF, ATOS, ARTS, TL, BLU, FE)

Workshops on user acceptance

D03.03 Workshops on user acceptance: A document that illustrates findings resulting from the user involvement workshops. (BLU, IDATE, ARTS, FE)

Workshops on SME involvement

D03.04 Workshop on SME involvement with LSPs: A document that illustrates findings resulting from the SMEs and start-ups IoT market adoption workshops in relation with LSPs. (BLU, IDATE, ARTS, FE)

Case study on LSPs

D03.07 Case study on LSPs: Case study on LSPs co-creation: Case studies about the co-creation facilitated by artists in a real-life consumer environment. (ARTS, FE, BLU)

IoT large-scale pilots event with national and regional initiatives

D01.10 IoT large-scale pilots event with national and regional initiatives (SINTEF, ATOS, GRAD, ISMB, MI, AS)

Workshop on sustainability

D02.06. Workshop on sustainability. The objective is set at covering sustainability of LSPs business models and strategies to continue the activity beyond the funding period (GRAD, SINTEF, ATOS, IDC, TL, IDATE, NUIG)

IoT Policy Framework Common Event

D05.08 IoT Policy Framework Common Event: Common event with the IoT LSPs for aligning the IoT policy framework and discuss the recommendations (SINTEF, ATOS, MI, AS)
Best Practice Guide and SME/Start-up toolkit.
D02.04 Best Practice Guide and SME/Start-up toolkit: The deliverable contains a common SME/start-up guide that draws on best practice in providing tools (eg. Privacy by design protocols, APIs, etc.) that can be used across the LSPs and guidance for supporting their application to the Open Calls. (BLU, ATOS, ARTS, UNP, NUIG)

Workshop on IoT standardisation activities.
D06.10 Workshop on IoT standardisation activities. Workshop on the coordinated IoT standardization activities. (ERCIM, SINTEF, ETSI, TL, NUIG, MI, AS)

Workshop on exploitation strategy
D02.07 Workshop on exploitation strategy. Gather a broad view on the exploitation strategies of LSPs and identify potential common challenges and opportunities. Address common challenges share practices and methodologies (IDATE, SINTEF, ATOS, IDC, TL, GRAD, NUIG)

Legal IoT Framework Common Event
D05.07 Legal IoT Framework Common Event: Common event with the LSPs addressing IoT legal framework (AS, AL, TL)

IoT FA Conference.
D07.09 IoT FA Conference: Technical conference - coordination exchange of information on IoT technology advancements, reference architectures, implementations/ deployments among various initiatives covered by IoT FA, national and international initiatives. (ANYSOL, SINTEF, IDC, IDATE, GRAD, NUIG, MI, AS)

ERL Evaluation and Discussion in European Parliament
D03.11 ERL Evaluation and Discussion in European Parliament: A document reporting and illustrating the development and implementation of Experience Readiness Level (ERL), indicators that measures the capability of IoT systems to trigger experience. (ARTS, SINTEF, BLU, FE)

Workshop on LSPs use cases: integration and standardisation alignment.
D06.09 Workshop on LSPs use cases: integration and standardisation alignment: Workshop on assessment IoT LSPs approaches. (ETSI, SINTEF, AL, ERCIM, NUIG, MI, AS)

Open Prototyping Workshops
D03.10 Open Prototyping Workshops: A report documenting the Open Prototyping workshops organised with the LSPs. (FE, ARTS, BLU)

Pan-European workshop with national initiatives for digitising industry across the EU
D01.07 Pan-European workshop with national initiatives for digitising industry across the EU: Evaluation of the results achieved within the framework as proposed in D04.04. (SINTEF, ATOS, GRAD, ISMB)

**Workshop on common IoT standardisation framework.**

D06.11 Workshop on common IoT standardisation framework. Final workshop on LSPs IoT standardization activities. (ERCIM, SINTEF, ETSI, TL, NUIG, MI, AS)

**ERL Policy Memo and associated communication activities.**

D03.06 ERL Policy Memo and associated communication activities: An event documented with a memo for presenting the concept of Experience Readiness Level (ERL), indicators for IoT systems to trigger experience. (ARTS, SINTEF, BLU, FE)

**Interoperability Framework Workshop.**

D06.08 Interoperability Framework Workshop: Workshop on interoperability in LSP IoT platforms. (ETSI, SINTEF, AL, ERCIM, NUIG, MI, AS)

**Workshop on SME involvement with the LSPs**

D03.09 Workshop on SME involvement with the LSPs: Pitch presentations and a document that illustrates findings resulting from the SMEs involvement with the LSPs. (BLU, IDATE, ARTS)

**Websites, patent filings, videos etc. (2)**

**IoT FA and Project Web-Portal**

D07.02 IoT FA and Project Web-Portal: This is the central project dissemination channel and document repository. (SINTEF, IDC, IDATE, AL, ARTS, UNP, NUIG, DCAT, MI, AS)

**IoT FA Year 1 coordination conference**

D01.03 IoT FA Year 1 coordination conference: First conference with the goal of providing a common meeting platform for IoT ecosystems and coordination of the exchange of information on best practices and approaches for object connectivity, protocols, data formats, privacy, security, open APIs among various IoT FA activities and stakeholders. (IDC, SINTEF, ATOS, PHILIPS, IDATE, BLU, GRAD, NUIG, MI, AS)

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