

SECURITY MADEIN.LU



H2020 – 135M€
for CS in 2019

—
Géraud Guilloud
Luxinnovation

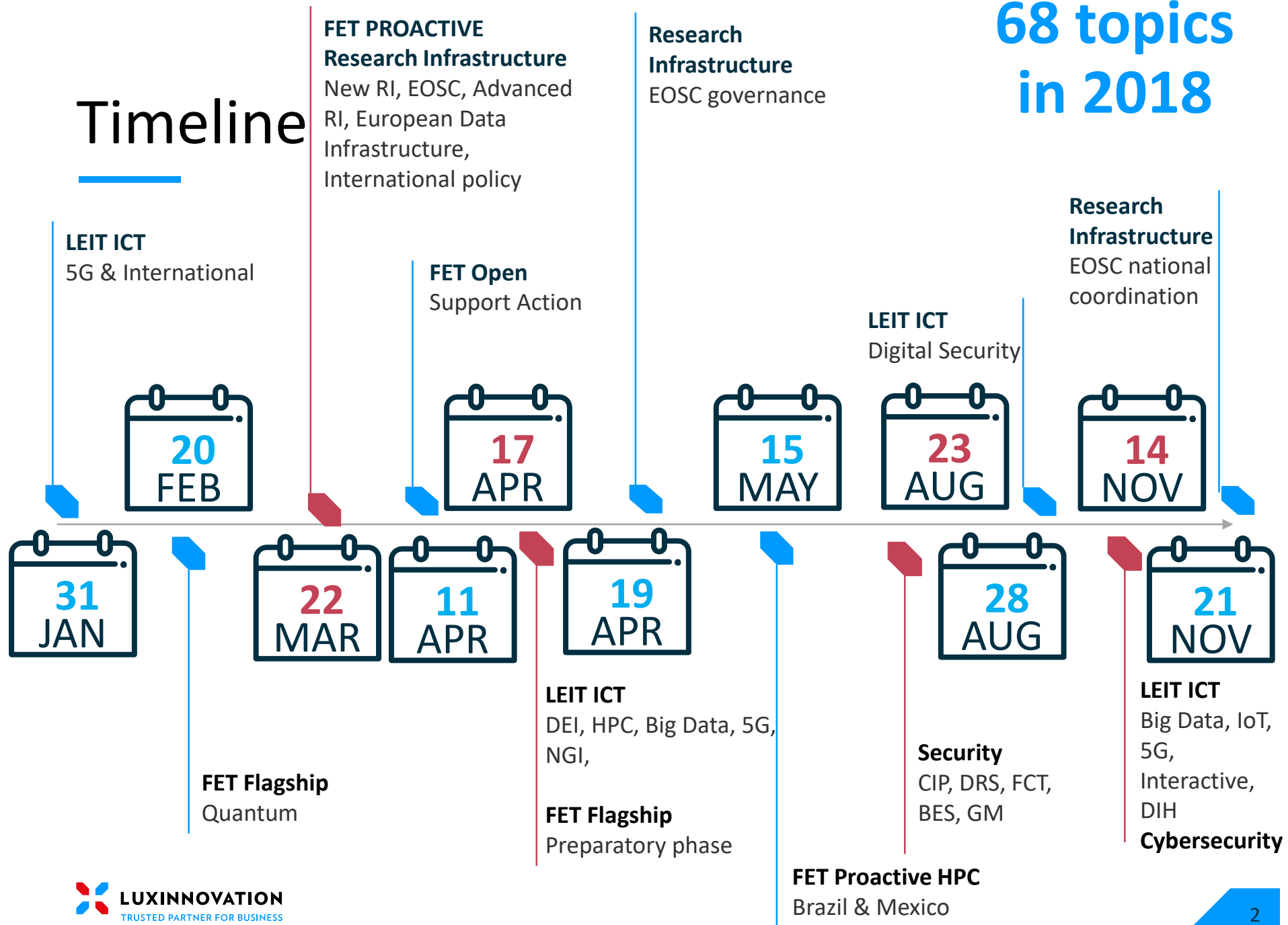


LUXINNOVATION
TRUSTED PARTNER FOR BUSINESS



68 topics in 2018

Timeline



51 topics in 2019

7 TOPICS

Today in 4 calls

Timeline

LEIT ICT
DEI, SAE, Smart
Factory, BD for energy

**Research
Infrastructure**
INFRADEV-03
EOSC
INFRAIA
Open Science
INFRASUPP

LEIT ICT
5G EU-TAIWAN

FET Open



**Research
Infrastructure**
INFRADEV
EOSC
Open Science

LEIT ICT
CPS, Photonics, Robotics,
NGI, 5G, data economy,
Cloud Computing, Start-
Up, PCP

SEC
CIP, BES, DRS,
FCT, GM, DS

FET HPC

Cybersecurity

**READ THE
TOPIC**

...no seriously!!!!

ICT Conference 2018

ICT 2018

IMAGINE DIGITAL
CONNECT EUROPE



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VIENNA
4-6 DECEMBER

Technologies for Digitising European Industries

Technologies for Digitising European Industry

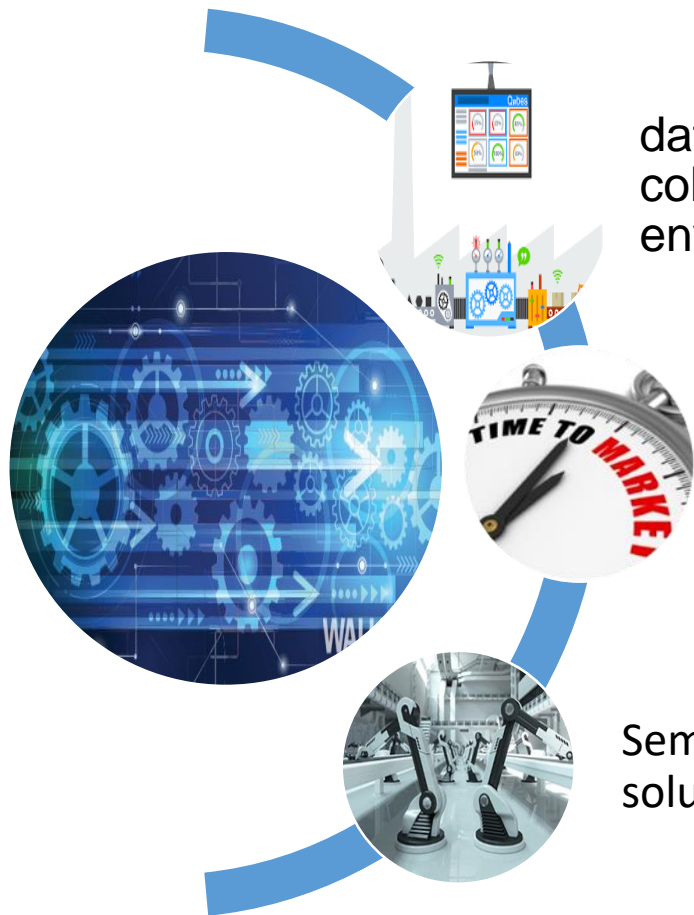
1 topic on focus – 11 M€

- ICT-01-2019: Computing technologies and engineering methods for cyber-physical systems of systems
- ICT-02-2018: Flexible and Wearable Electronics
- ICT-03-2018-2019: Photonics Manufacturing Pilot Lines for Photonic Components and Devices
- ICT-04-2018: Photonics based manufacturing, access to photonics, datacom photonics and connected lighting
- ICT-05-2019: Application driven Photonics components
- ICT-06-2019: Unconventional Nanoelectronics
- ICT-07-2018: Electronic Smart Systems (ESS)
- **ICT-08-2019: Security and resilience for collaborative manufacturing environments**
- ICT-09-2019-2020: Robotics in Application Areas
- ICT-10-2019-2020: Robotics Core Technology



ICT-08-2019 Security and resilience for collaborative manufacturing environments

Secure free flow of data internally & externally



data security tools and services for digital collaboration between manufacturing environments and value chains

practically usable in real manufacturing facilities

Semi-autonomous or fully autonomous solutions encouraged

28/03
/2019

11M€

RIA

4-6M€

5-7

Next Generation Internet

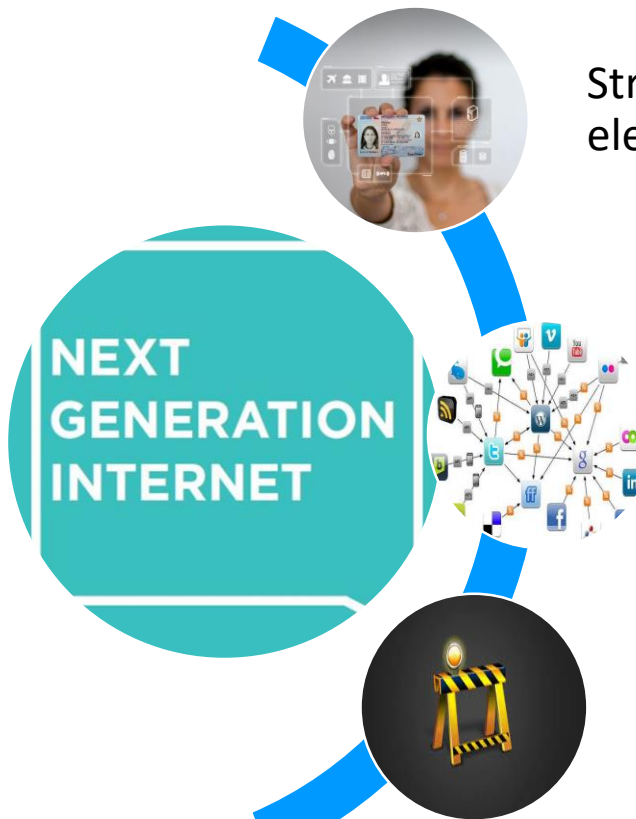
Next Generation Internet

1 topics – 22M€

- ICT-24-2018-2019: Next Generation Internet - An Open Internet Initiative
- ICT-25-2018-2020: Interactive Technologies
- ICT-26-2018-2020: Artificial Intelligence
- ICT-27-2018-2020: Internet of Things
- ICT-28-2018: Future Hyper-connected Sociality
- ICT-29-2018: A multilingual Next Generation Internet
- ICT-30-2019-2020: An empowering, inclusive Next Generation Internet
- ICT-31-2018-2019: EU-US collaboration on NGI

ICT-24-2018-2020 Next Generation Internet - An Open Internet Initiative

3 sub-topics



Strengthening internet trustworthiness with electronic identities

Service and (personal) data portability

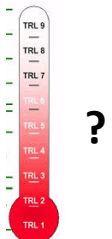
Open Internet architecture renovation

28/03
/2019

21,5M€

RIA

Up to
7M€



Digital Security

Digital Security

2 topics – 38M€

- SU-DS01-2018: Cybersecurity preparedness - cyber range, simulation and economics
- SU-DS03-2019-2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises
- SU-DS04-2018-2020: Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches ICT-28-2018: Future Hyper-connected Sociality
- SU-DS05-2018-2019: Digital security, privacy, data protection and accountability in critical sectors

Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises – 2 subtopics

SU-DS03-2019-2020

Protecting citizens' security, privacy and personal data



innovative solutions to personal data protection

22/08
/2019

18M€



better monitor and audit their security, privacy and personal data protection



4-5M€



build bridges/synergies with DPA and CERTs/CSIRTs

- need to involve end-users in design and implementation
- Inclusive whatever IT skills



7

Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises – 2 subtopics

SU-DS03-2019-2020 *Small and Medium-sized Enterprises and Micro Enterprises (SMEs&MEs): defenders of security, privacy and personal data protection*



innovative solutions to increase the knowledge sharing SMEs-MEs-LPs

22/08
/2019

18M€



monitor, forecast and assess their security, privacy and personal data protection risks



3-4M€



build on-line collaboration between SMEs&MEs associations and with CERTs/CSIRTs



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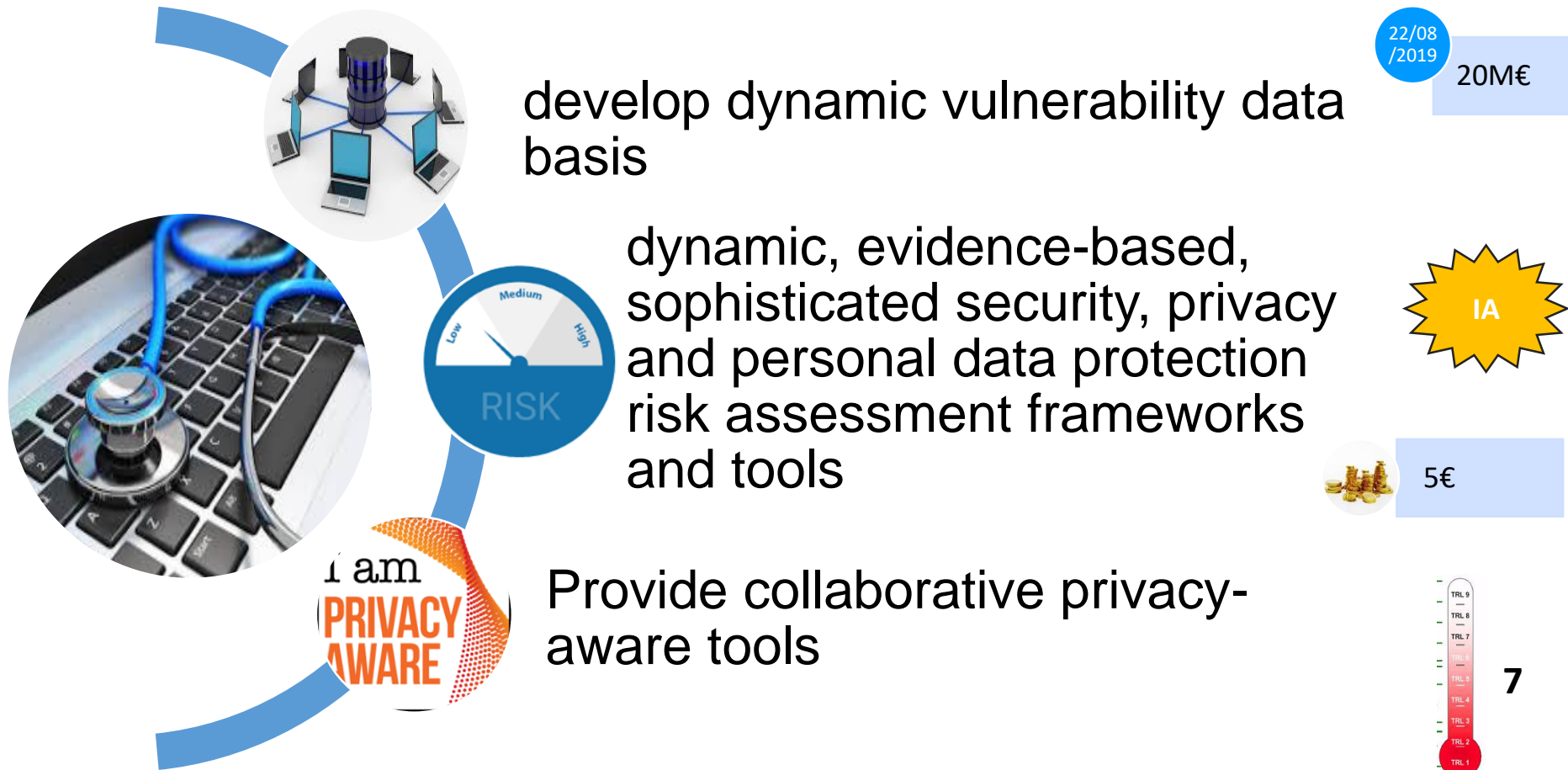
Digital security, privacy, data protection and accountability in critical sectors – 2 subtopics

SU-DS05-2018-2019 Digital security, privacy and personal data protection in multimodal transport – at least 2 of the 3



Digital security, privacy, data protection and accountability in critical sectors – 2 subtopics

SU-DS05-2018-2019 Digital security, privacy and personal data protection in healthcare ecosystem – at least 2 of the 3



Cybersecurity

Digital Security

2 topics – 38M€

- SU-ICT-01-2018: Dynamic countering of cyber-attacks
- SU-ICT-02-2020: Building blocks for resilience in evolving ICT systems
- SU-ICT-03-2018: Establishing and operating a pilot for a Cybersecurity Competence Network to develop and implement a common Cybersecurity Research & Innovation Roadmap
- SU-ICT-04-2019: Quantum Key Distribution testbed

Building blocks for resilience in evolving ICT systems

SU-ICT-02-2020: 3 subtopics



Cybersecurity/privacy audit, certification and standardisation

19/11/2019

47M€



Trusted supply chains of ICT systems



4-5€



Designing and developing privacy-friendly and secure software and hardware



6

Now what?



Final pool

What now?



Presentain

Luxembourg Horizon 2020 say

25/10/2018



Invitation Horizon 2020 Day 2018



25 October 2018 | 9:00-12:00

Chamber of Commerce | 7, Rue Alcide de Gasperi | Luxembourg

ICT Conference 2018

4-6/12/2018 - Vienna

ICT 2018

IMAGINE DIGITAL
CONNECT EUROPE



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VIENNA
4-6 DECEMBER

SMI2G

1-2/02/2019 - Bruxelles

No more info yet

Luxinnovation - National Contact Point

Our personalised services

- Informing about future opportunities
- **Matching your strengths with current calls**
- Identifying the best consortia and partners
- **Critical reviewing of your proposals**
- Thematic workshops where needed
- **Support in legal and financial aspects of H2020**
- Targeted analysis regarding EU funding
- Free

Thank you!

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