**Horizon 2020**

**Information and Communication Technologies Draft Work Program**

**2018**

ICT-03-2018: Photonics Manufacturing Pilot Lines for Photonic Components and Devices

ICT-04-2018: Photonics based manufacturing, access to photonics, datacom photonics and connected lighting

ICT-09-2018: Electronic Smart Systems (ESS)

ICT-17-2018-19: HPC and Big Data enabled Large-scale Test-beds and Applications

ICT-18-2018-2020: Big Data technologies and extreme-scale analytics

ICT-19-2018-19: Supporting the emergence of data markets and the data economy

ICT-20-2018: Co-designing Extreme Scale Demonstrators (EsD)

ICT-42-2018: Software Technologies

ICT-23-2018: 5G End to End Facility

ICT-24-2018: 5G for connected and automated driving

ICT-44-2018: EU-US Collaboration for advanced wireless platforms

ICT-45-2018: EU-China 5G Collaboration

ICT-29-2018-2019: Next Generation Internet - An Open Internet Initiative

ICT-30-2018-2020: Interactive Technologies

ICT-31-2018-2020: Artificial Intelligence

ICT-32-2018-2020: Internet of Things

ICT-33-2018: Future Hyper-connected Sociality

ICT-35-2018: A multilingual Next Generation Internet

ICT-43-2018-2019: EU-US collaboration on Next Generation Internet

ICT-39-2018-2019: Pre-Commercial Procurement

ICT-40-2018: Fintech: Support to experimentation frameworks and regulatory compliance

DT-ICT-04-2018: Robotics - Digital Innovation Hubs (DIH)

DT-ICT-06-2018: Coordination and Support Activities for Digital Innovation Hub network

DT-ICT-07-2018-2019: Digital Manufacturing Platforms for Connected Smart Factories

EU Korea -01-2018: Cloud, IoT and AI technologies

EU Korea -02-2018: 5G

2019

ICT-02-2019: Large Area Electronics (LAE)

ICT-05-2019: Application driven Photonics components and Photonics Manufacturing Pilot Lines

ICT-08-2019: Unconventional Nanoelectronics

ICT-10-2019: Security and resilience for collaborative manufacturing environments

ICT-13-2019-2020: Robotics in Application Areas

ICT-16-2019-2020: Robotics Core Technology

ICT-21-2019-2020: Cloud Computing

ICT-25-2019: 5G validation trials across multiple vertical industries

ICT-26-2019-2020: 5G Long Term Evolution

ICT-46-2019: EU-Taiwan 5G collaboration

ICT-36-2019-2020: An empowering, inclusive Next Generation Internet

ICT-37-2019: STARTS – The Arts stimulating innovation

ICT-38-2019: Startup Europe for Growth and Innovation Radar

DT-ICT-02-2019: Smart Anything Everywhere

DT-ICT-08-2019: Agricultural digital integration platforms

DT-ICT-10-2019: Interoperable and smart homes and grids

DT-ICT-11-2019: Big data solutions for energy

DT-ICT-12-2019: Smart and healthy living at home

DT-ICT-14-2019: Digital Platforms/Pilots Horizontal Activities

SU-ICT-01-2019: Dynamic countering of cyber-attacks

SU-ICT-04-2019: Quantum Key Distribution testbed

EU- Japan J-01-2018: Advanced technologies (Security/Cloud/IoT/BigData) for a hyper-connected society in the context of Smart City

EU Japan -02-2018: 5G and beyond

2020

DT-ICT-01-2020: I4MS (phase 4) - uptake of digital game changers and digital manufacturing platforms

DT-ICT-03-2020: Photonics Innovation Hubs

DT-ICT-05-2020: Big Data Innovation Hubs

DT-ICT-09-2020: Digital service platforms for rural economies

DT-ICT-13-2020: The smart hospital of the future

SU-ICT-02-2020: Building blocks for resilience in evolving ICT systems

SU-ICT-03-2020: Advanced cybersecurity and digital privacy technologies