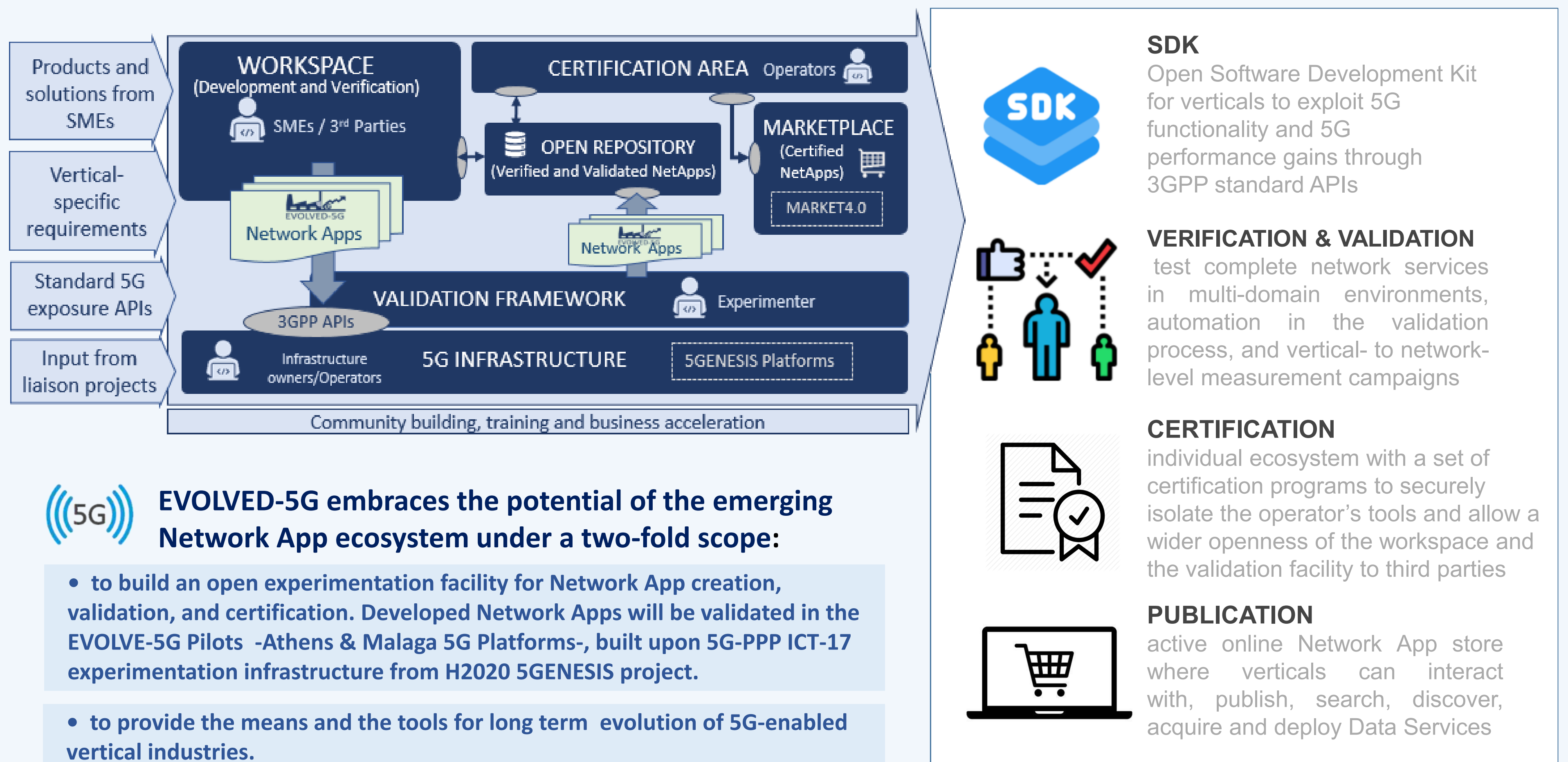




Call: H2020-ICT-2018-2020
Topic: ICT-41-2020
Action: Research and Innovation
Duration: 30 month
Start date: 1 January 2021

Experimentation and Validation Openness for Long-term evolution of Vertical inDustries in 5G era and beyond

The intense research work on 5G experimentation in Europe has reached the point where the evolved 5G capabilities, provided through a Service-Based Architecture (SBA), are to be exploited by third party innovators. An endeavor that is expected to shape a new and dynamic ecosystem in mobile networks from both the technology and marketing perspectives.



Network Apps for the Factory of the Future

- | | | | |
|--|--|--|--|
| | Intent-driven Chatbots for precise maintenance | | AI based video analyzer for industrial & robotics safety |
| | Haptic-driven console for industrial surface repairing (hot bonding) | | AI-driven Humanoid robot / logistic robotic fleets |
| | IoT/M2M-based remote monitoring platform | | SIEM (Security information and event management) system |
| | ML-driven anomaly detection system for Industrial Processes | | Mixed Reality (MR) assisted manufacturing |
| | L7-aware Whitebox Switch with Dynamic SFC & TSN Support | | IQBT: Blockchain Data Brokerage Engine |

EVOLVED-5G project will contribute towards the fourth industrial revolution - Industry 4.0.



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