H2020-ICT-2014-2, 5G PPP

Edge-as-a-Service (EaaS)

“Virtualizing the Access”

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Who are we, what can we provide and what are we looking for?
Experimental Infrastructure Toward 5GPPP

- Deploying SDN Solution for 5G
- National Infrastructure available
TSSG Experiences in Virtual Networking and Network Management

• Personal Expertise – Some Published Papers*

• Relevant Funded Projects:
  – AUTOI Project : Autonomic Internet
  – 4WARD Project : For Future Networking
  – EFIPSANS Project: Autonomic Project on IPv6
  – FAME Project: National Funded Projects

• Other Research Interests:
  – Cognitive Network Management topics: ”Autonomics & SDN”

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Edge-as-a-Service

Problem Statement
- Demand for higher capacity broadband network urging deploying of multiple types of access networks.
- Operator modernize their infrastructure to keep CAPEX & OPEX under control

Proposal
- VASI: Service Provider to gain programmatic & virtualized access to network provider’s resources
- Network sharing of fixed & wireless..reduce cost

Objectives
- Proof of feasibility of Technology & Demonstration of field, Validation Scalability...
- Assisting Business Models and Routes to Market

Expected Outcome
- Open Source Platform & SLA
Edge-as-a-Service Platform: what are we looking for?

- This Innovation Strand proposal is actively looking for:
  - Industry, esp. SMEs, to collaborate and extend this technology;
  - Communications providers and operators to trial the technology in the long run.
Thank You

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