

### 5G!Pagoda

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On behalf of our other consortium members

EU-Japan Jointly Funded Project on 5<sup>th</sup> Generation Mobile Network (PIs: Akihiro Nakao@Utokyo and Tarik Taleb @Aalto University)



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### With Network Slicing/Softwarization







WP6: Outreach, Standardization and Dissemination

# Testbed configuration and Use Cases (Tokyo Perspective)



#### Testbed configuration and Use Cases PAGONA (European Perspective)







# **Solution** 3 Core Demos and Many supporting ones



# 56 AGODA Transcontinental UE-to-UE Video Call





#### • **26** Scientific Publications

#### • **52** standards contributions to SDOs

(e.g., 5 to ITU-T SG13, 1 to ITU-T SG20, 3 to IETF, **43 to 3GPP**)

#### **11** Keynotes, **3** Expert Panels, and **1** Tutorial

 $\odot$  core demos and many others of supporting technologies

# Organization of major Events IoT Week 2018, FUSECO FORUM 2017, Helsinki5GWeek 2017



### Looking out to the future...



#### **○ 6G**

- O URLLC Networking/Computing
- Advanced ITS (Cooperative Driving)
- O Unlicensed LTE/5GNR (MulteFire/5GNR)
- Platform for Advanced Wireless (PAWR EU-JP)
- Al Embedded Infrastructure



#### **INTEL says the Passenger Economy represents** a 7-trillion-USD global opportunity in 2050.

# According to the report of NHTSA in 2015, about 94% of traffic accidents had been caused by drivers (human errors)

https://newsroom.intel.com/newsroom/wpcontent/uploads/sites/11/2017/05/passenger-economy.pdf



### Coordinate Driving:

# Can we get rid of traffic signals?





Ultra Reliable Low Latency and Edge Computing are Mandatory



• Press Released on Nov. 28<sup>th</sup> , 2018

oNTT Docomo Open House Dec. 6<sup>th</sup> and 7<sup>th</sup>. 2018



5G!PAGODA PROJECT



# OPress Released on Nov. 28<sup>th</sup>, 2018

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# 5G Drone Realtime Surveillance



"Cycling Shimanami + 5G" Press Released with KDDI in Oct. 2018



2018年6月

















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