

IMAGINE 5G FUTURE WITH LETI

Leti Innovation Days | June 28-29, 2017

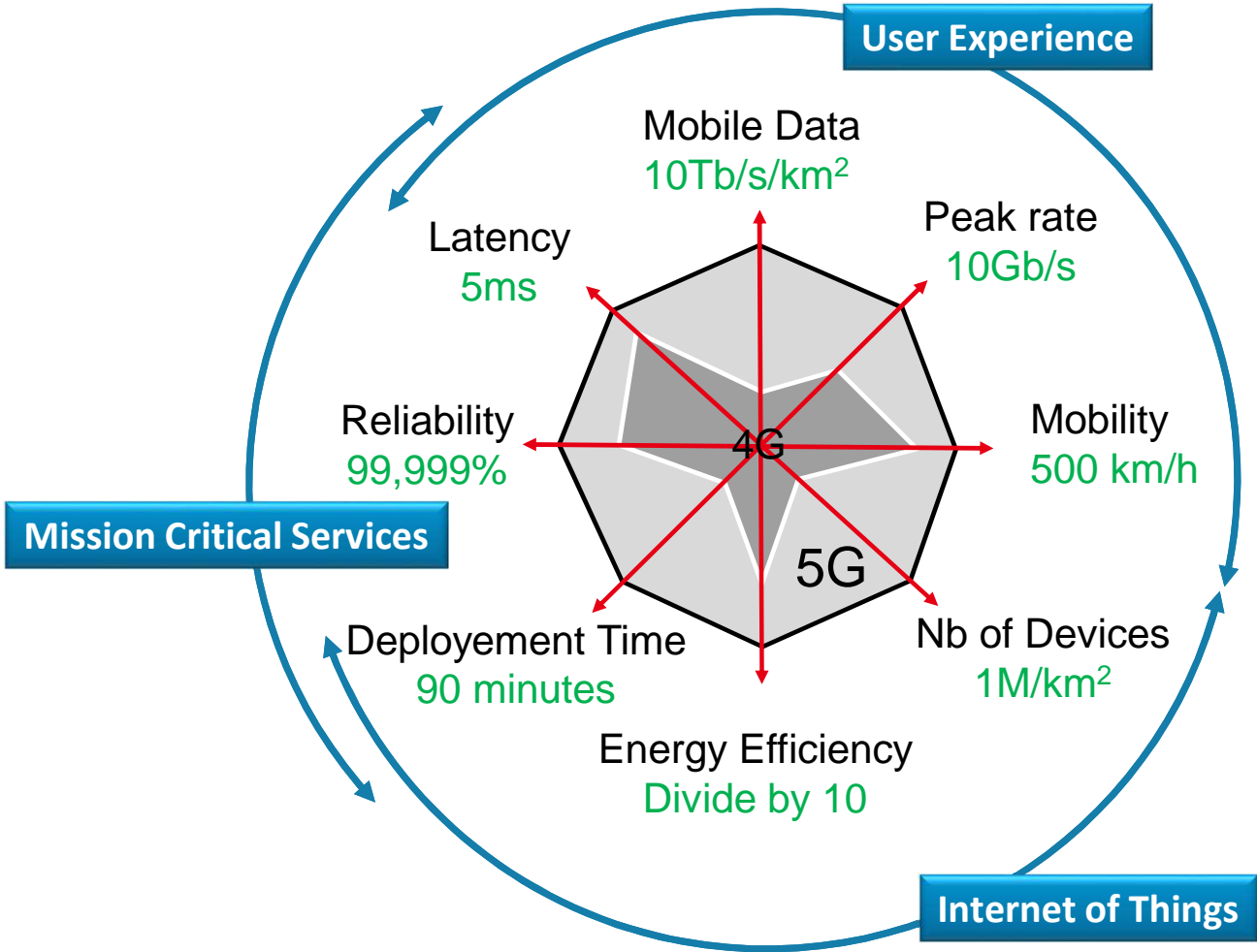


5G REVOLUTION

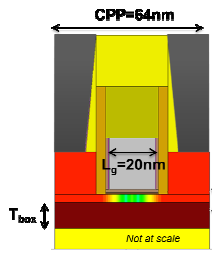




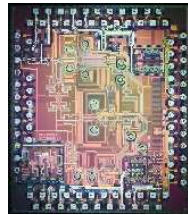
5G IS MUCH MORE THAN 4G



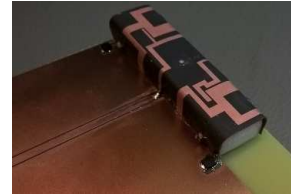
LETI 5G: FROM TECHNOLOGY TO FIELD TRIALS



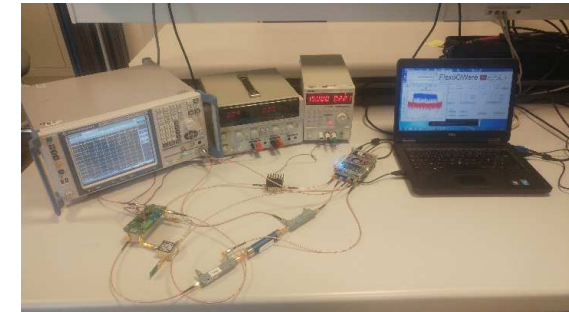
FDSOI 28
downto 10nm



System-on-Chip



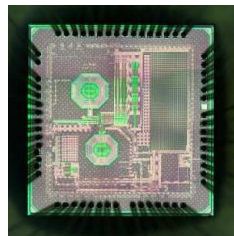
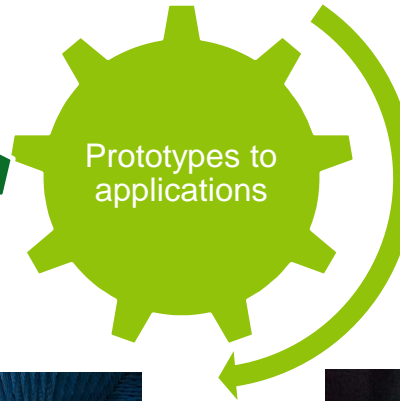
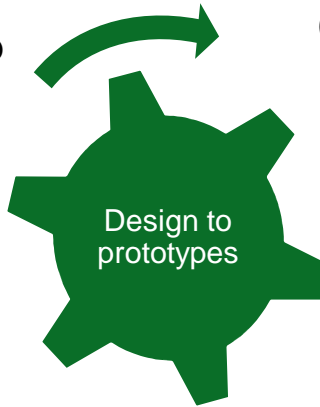
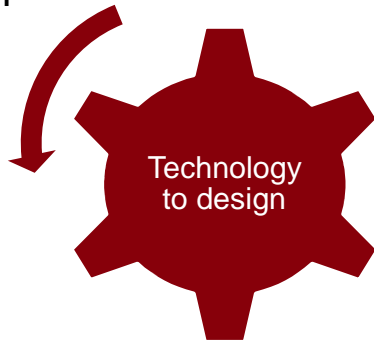
Compact and agile
antennas



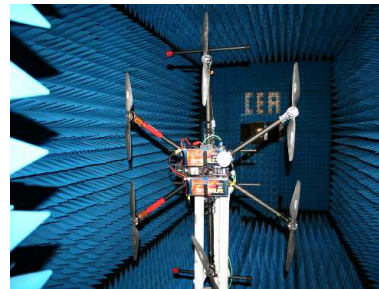
Multiservice
transmission...



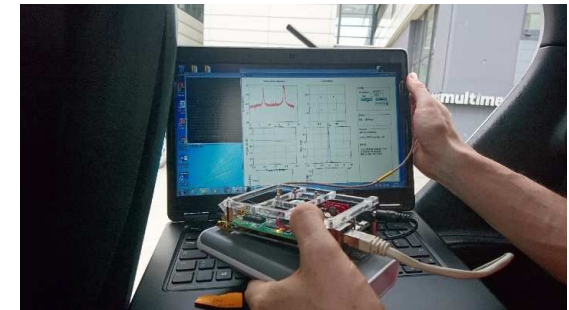
Low RF losses
substrates
engineering



RF Circuit Design



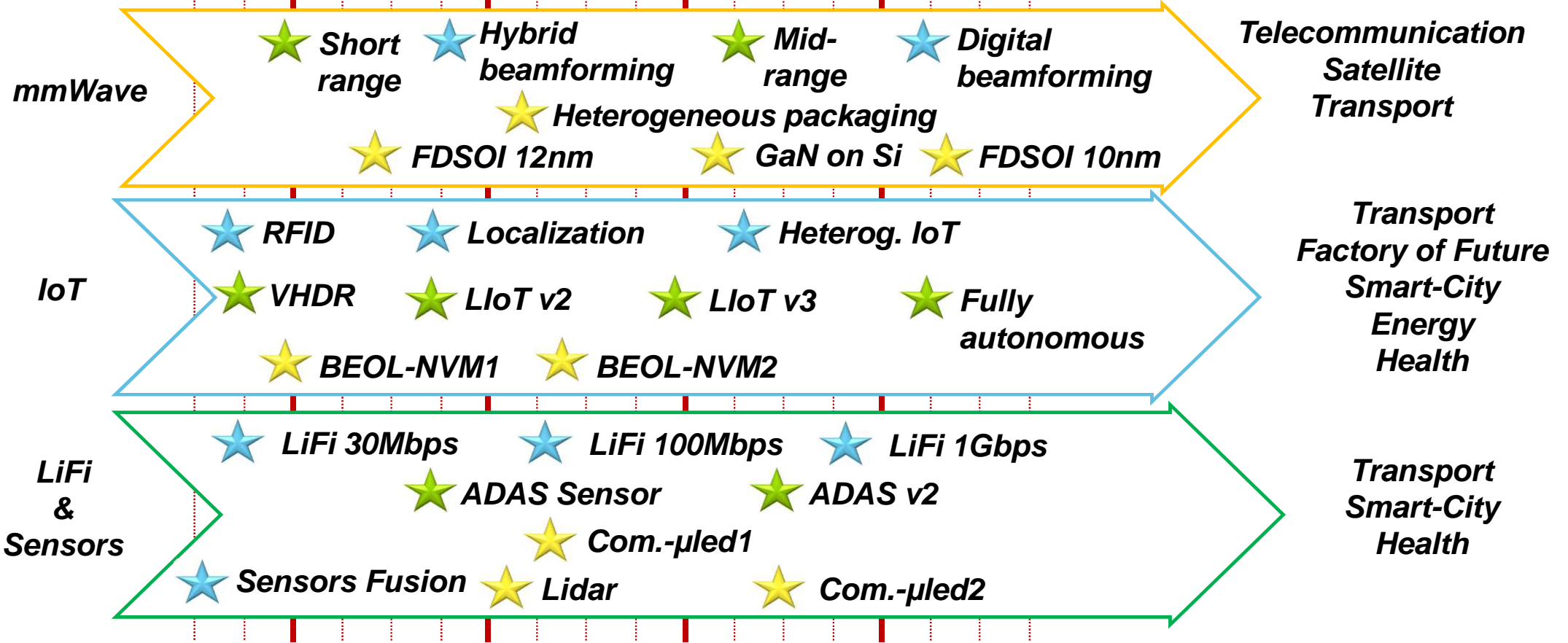
Drones transmission
characterization



...field-trials

LETI'S 5G ROADMAPS

2017 2018 2019 2020 202x



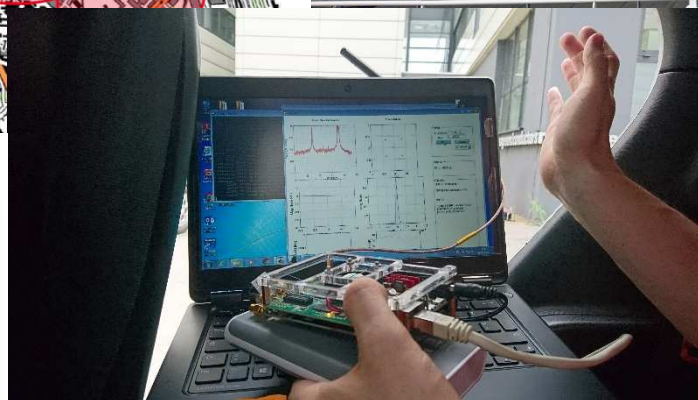
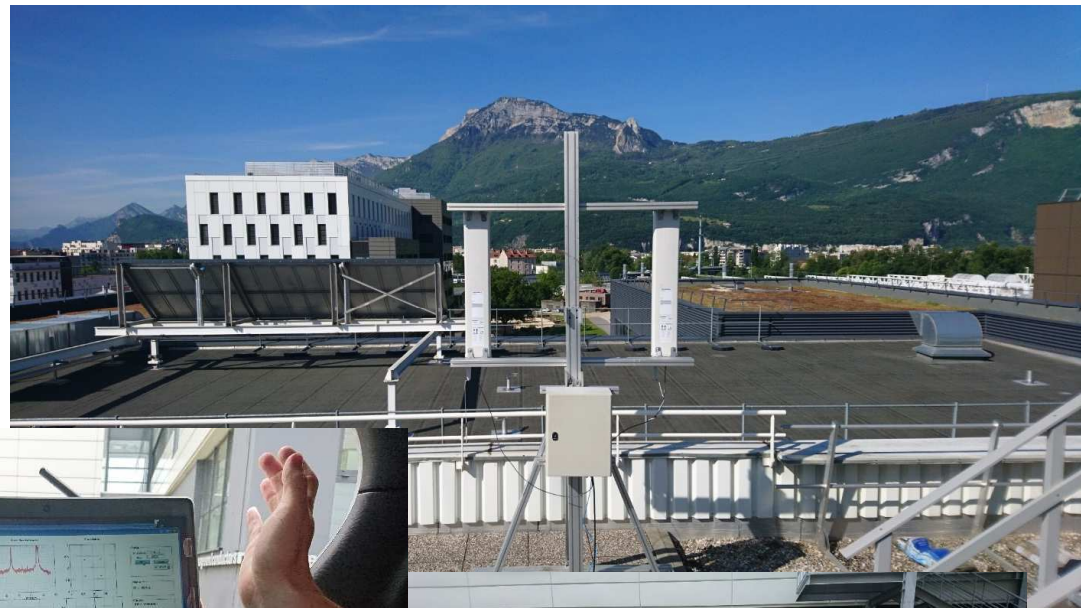
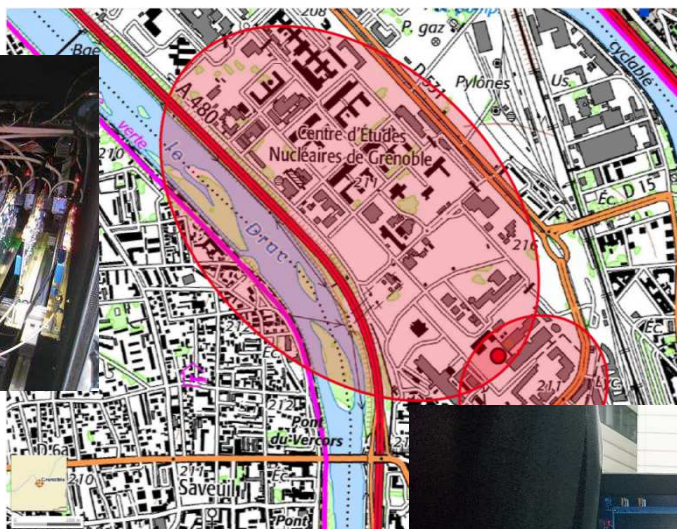
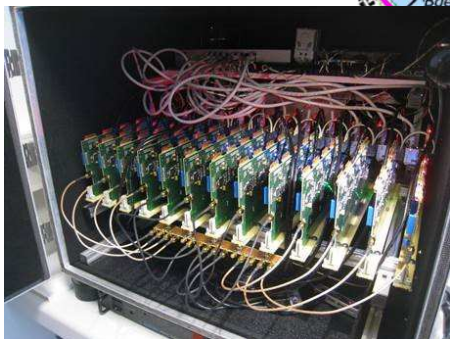
Applications

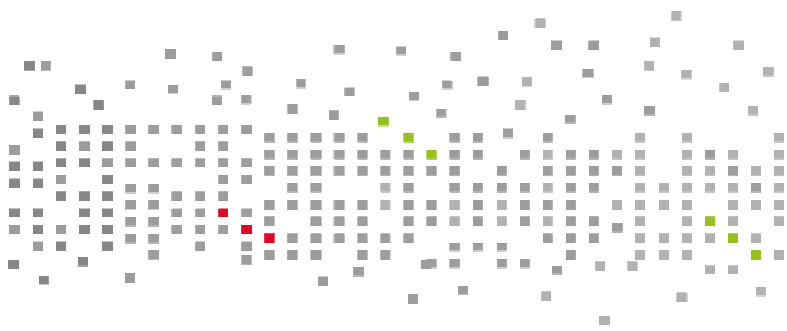
**Telecommunication
Satellite
Transport**

**Transport
Factory of Future
Smart-City
Energy
Health**

**Transport
Smart-City
Health**

5G FIELD TRIALS





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PLANCHE DE PICTOS



DISPOSITIFS MÉDICAUX



INTERNET DES OBJETS



CAPTEURS



IMAGING SENSOR



SERVEURS ET CALCUL INTENSIF



NANO ÉLECTRONIQUE



COMPOSANTS PHOTONIQUE



ÉNERGIE ÉLECTRONIQUE DE PUISSANCE



SÉCURITÉ



RF



0

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4

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