Introduction

D. Thomas

STMicroelectronics
Introduction

- Academics & RTOs
  - 10.10 ECSEL Pilot lines impact and Scientific dissemination –C. Wyon LETI
  - 10.25 PANACHE Results & dissemination- Prof. Dr. Lambert Alff- TU DARMSTADT

- Industrials
  - 10.40 REFERENCE innovative RF-SOI substrates François Brunier, SOITEC
  - 10.55 WAYTOGOFAST Dr.-Ing. Peter Javorka, GLOBALFOUNDRIES
  - 11.10 POLIS, Patrick Abraham, LYNRED
  - 11.25 PANACHE- Matthias Illing, Robert BOSCH GmbH
  - 11.40 PANACHE & Labs4Mems-II, Roberto Zafalon, ST

- Conclusion
  - 11.55 Yves Gigase, ECSEL JU
2012 Retained Pilot Lines

Scale!

2012: Total Eligible Costs Requested: >800 M€

Strengthen the European supply chain of Electronic Components and Systems
Persistence!
FDSOI and RFSOI

More Persistence!

ECSEL JU
PLACES2BE
28FDSOI Platform and 14FDSOI Building blocks

Design Platform for 28FDSOI and 22FDX

Substrate, Techno FDSOI, Design platform

ECOSYSTEM FDSOI

Scaling 22FDX to 12FDX

Enhancement to RF capabilities

RIA: First 300mm RFSOI and RF/FDSOI

IA: RFSOI and FDSOI/RF for 5G and Beyond

Courtesy: F Brunier, SOITEC

Strengthen the European supply chain of Electronic Components and Systems
Optical Sensors Ecosystem in Europe

Excellence!

Etoiles de l’Europe Award Dec 2018
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