



# ECSEL Pilot Lines Success Stories & Impact



# EF ECS/ ECSEL Pilot Lines Success Stories & Impact

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**Date:** 19 November, 2019 -10:00 – 12:00 **Location:** Helsinki (Finland)

**Context:** Inside the European Forum for Electronic Components and Systems (EF ECS) this event provides opportunity to share with EF ECS participants **success stories of ECSEL pilot lines**. Key enabling technology (KET) pilot lines are large technology oriented projects with industrial leadership. Their main Finality is to develop innovative technologies through a realistic production environment (pilot line) for early adoption by the electronics industry on the downstream value chain.

**Success stories:** Dedicated focus will be made on recent supported projects to highlight the positive impact they bring in terms of scientific excellence and exploitation in the whole value chain of the European Semiconductor industry. Some key players of the public-private partnership for Electronic Components and Systems will testify on the main outcomes of these projects through short success stories pitches.

**Targeted Audience:** Representatives from the European Commission, French State, Regions, Collectivities, Regional Clusters, and partners of the Microelectronics Industry and Research and Technology Organizations involved in the European research and innovation programs, open to all EF ECS participants

**Main Objective:** Show technical results and impact of these programs through successful examples of cooperation and concrete benefits – sharing the vision of complementary public-private partnership outcomes through the complete value chain from concept to application.

**Sponsors and participants:**



Other partners

# AGENDA

**Pilot Lines success stories of the 5 last years, showing project concrete outputs in terms of:**

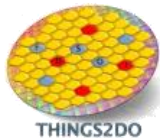
- Scientific Excellence / Dissemination (RTOs + Academics)
- Exploitation and impact (Industrial + SMEs)

**Proposed Format:**

- 1) 10 minutes Introduction
- 2) 10 minutes Pitch from one representative of public/ private partnership along the chain value (3-4 pitches)= 100 minutes with transition time
- 3) 10 minutes conclusion  
...involve ESCEL project officer as chairman for the conclusion message?

**DRAFT**

**+ Link to “Demos and Posters corner” of EF ECS to complete the presentations**



Start	Pilot line success stories & Impact	Chairman- STMicroelectronics	Speakers
10:00	<b>Introduction</b>		<b>Dominique Thomas</b>
	<b>Academics &amp; RTOs</b>		
10:10	Pitch on results and impact, scientific dissemination	CEA LETI	Jean-René LEQUEPEYS (TBC)
10:25	Pitch on results and impact, scientific dissemination	TU Darmstadt	Lambert ALFF
	<b>Industrials</b>		
10:40	Pitch on impact and exploitation Materials	SOITEC	François Brunier
10:55	Pitch on impact and exploitation	GLOBALFOUNDRIES	Peter JAVORKA
11:10	Pitch on impact and exploitation Imaging Sensors	LYNRED	Patrick ABRAHAM
11:25	Pitch on impact and exploitation Automotive	BOSCH	Matthias Illing
11:40	Pitch on impact and exploitation Microcontrollers and mems	ST	Roberto ZAFALON
11:55	<b>Conclusion &amp; QA</b>	<b>ECSEL</b>	<b>Yves GIGASE</b>

# Pilot Line Success stories

- **Illustrations with key Outputs of the Pilot Line results**

- eg. eNVM, Imagers, MEMS, FDSOI,...
- Projects shortlist: WAY2GO, THINGS2DO, PANACHE, WAKeMeUP, POLIS, VIZTA, Lab4MEMS, REACTION, R3powerUP

- **Across the semiconductor value chain...**



- **...with complementary visions**



**RTOs and Academics**



**Industrials (LF, SME)**



**ECSEL and PAs**