ECSEL Austria Event
Vienna, November 10 2016

ECSEL Italy Mirror Group

Marco Ottella
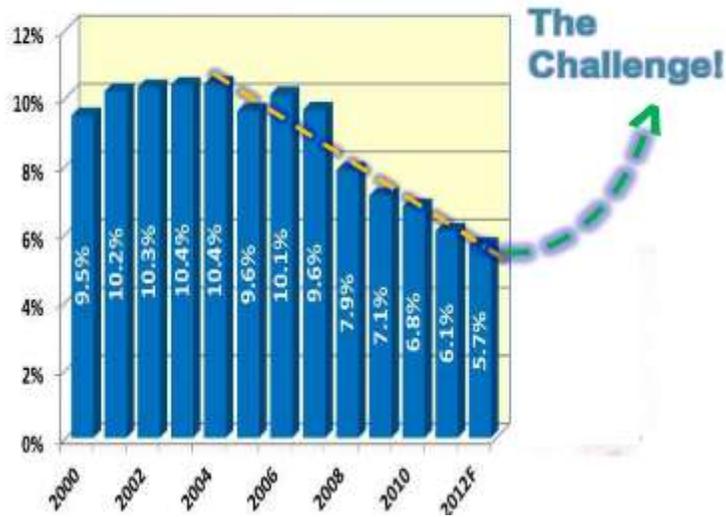
ECSEL ambition
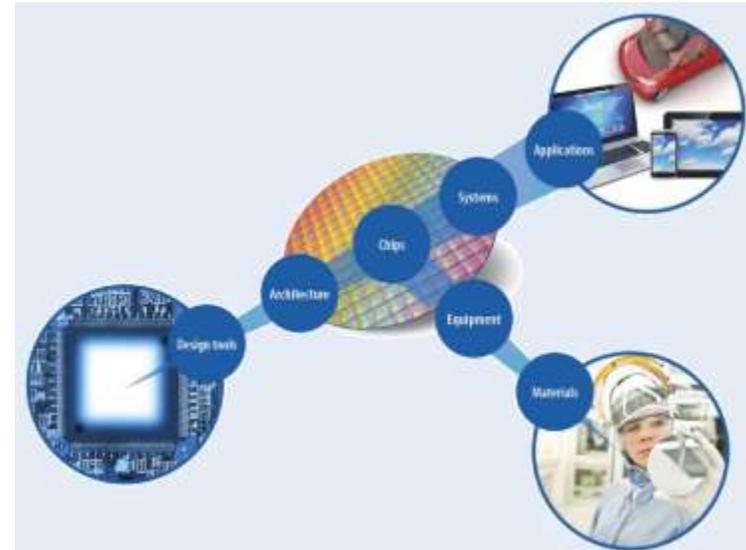
Invert the downward trend

Cover the full chain

Market Share of the Leading Companies Headquartered in Europe

Combine European, national and **regional** support with private funds
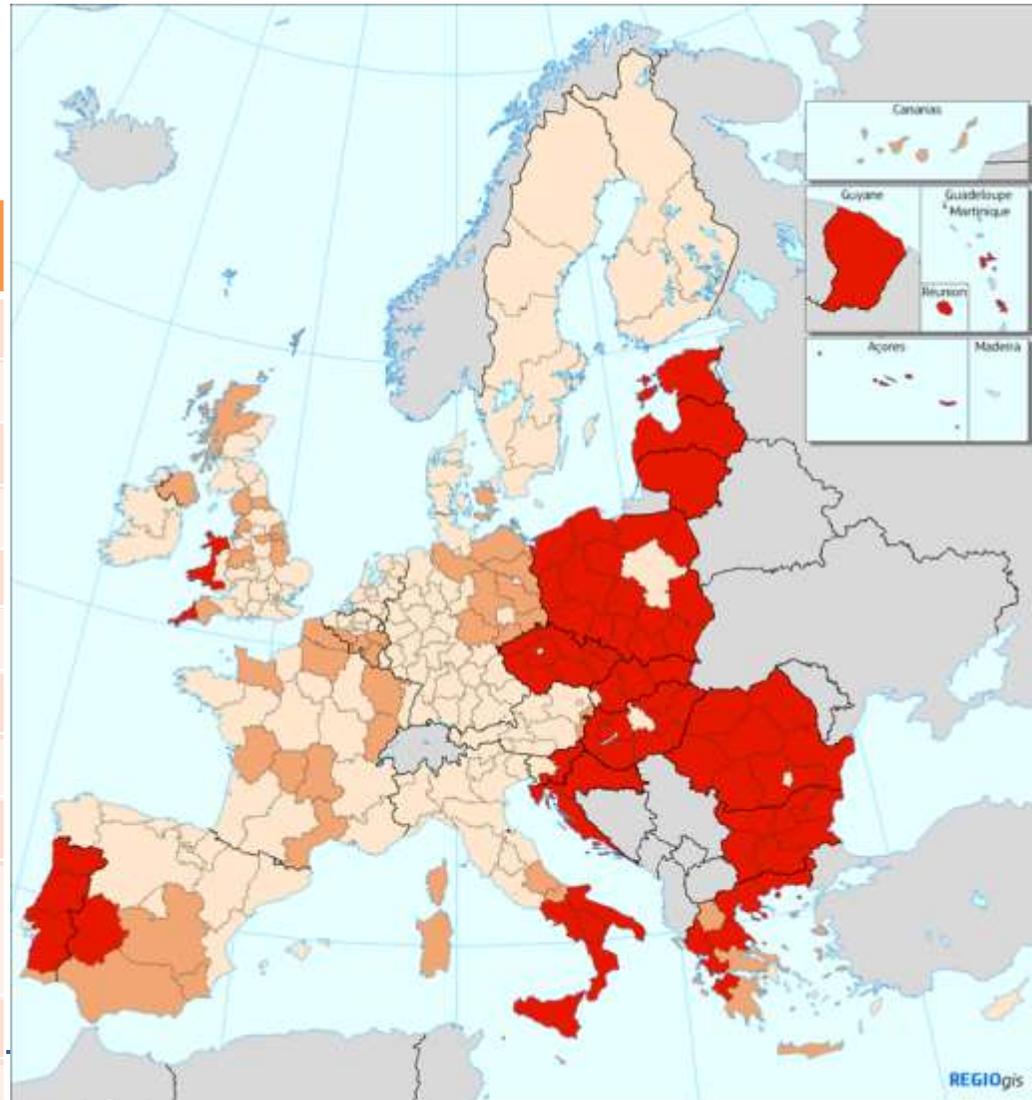
RIS3: Smart Specialization Cohesion Policy

Eligibility map 2014-20

- **Less developed region (GDP/head: less than 75%)**
- **Transition regions (GDP/head between 75% and 90%)**
- **More developed region (GDP/head: more than 90%)**

	Billion EUR
Less developed regions	164.3
Transition regions	31.7
More developed regions	49.5
Cohesion Fund	66.4
European territorial cooperation	8.9
Of which	
Cross border cooperation	6.6
Transnational cooperation	1.8
Interregional cooperation	0.5
Outermost regions and northern sparsely populated regions	1.4
Youth Employment initiative	3.0
TOTAL	**325.1**

RIS3 database: Europe's 274 Regions

Priority: **KETs**   **KET/Nanoelectronics**   **Adv. Manufacturing**
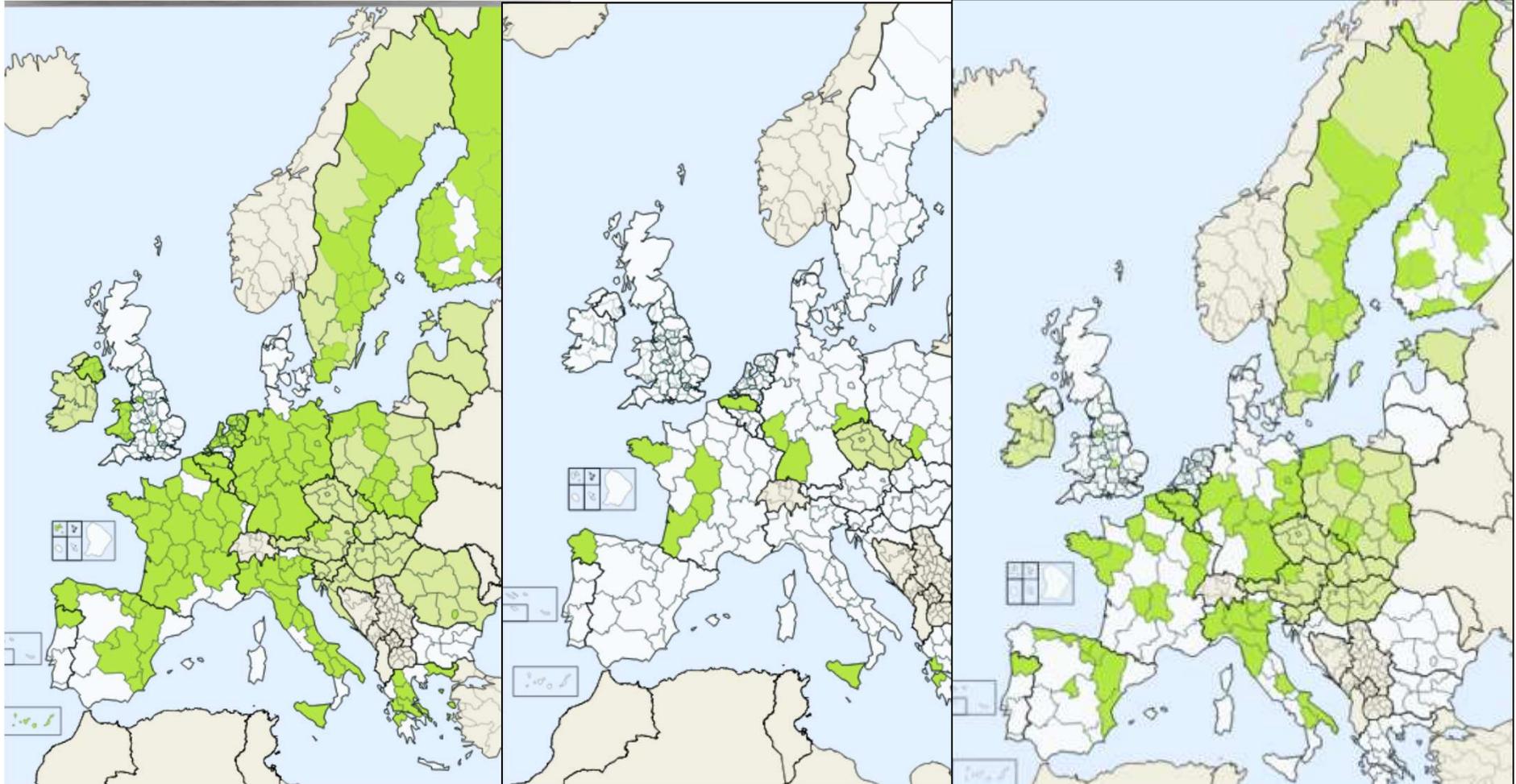
"ECSEL Italia" Mirror Group

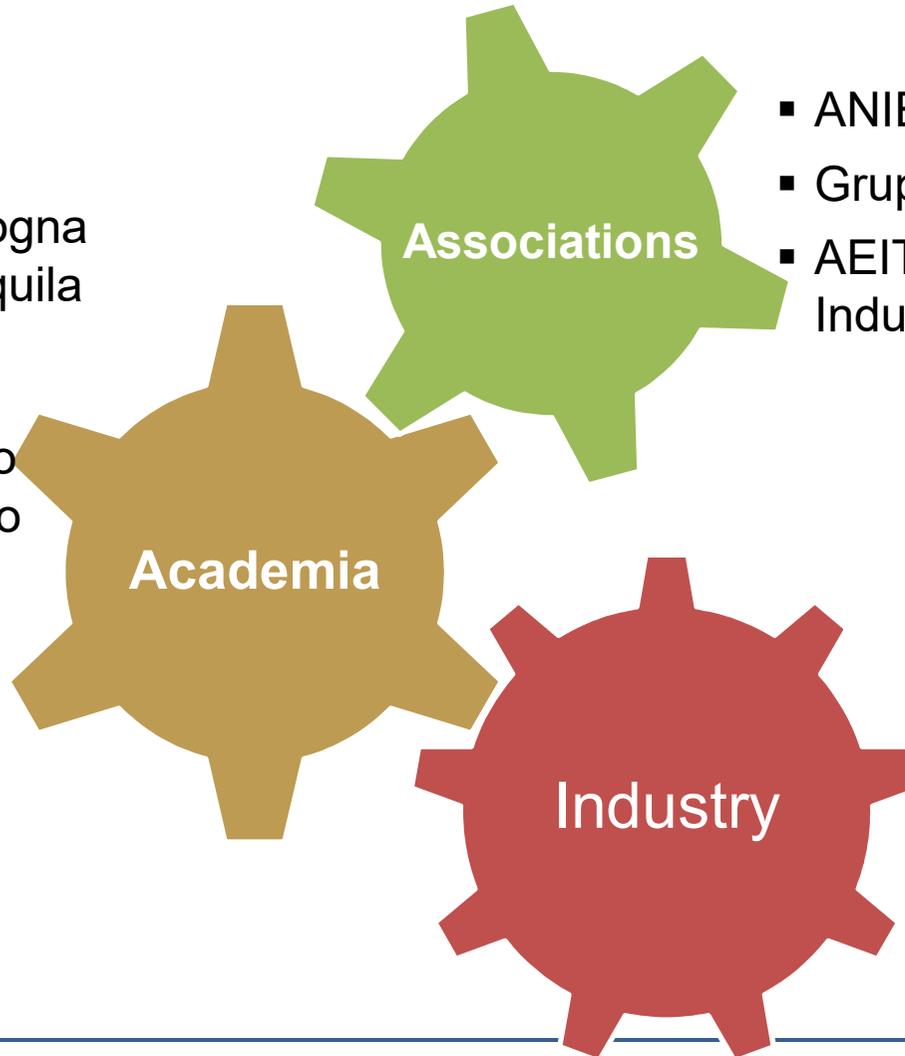Following the example of ECSEL Mirror Groups in Austria and Germany:

- To facilitate / coordinate the participation of Italian industrial and academic research organizations to the Joint Technology Initiative ECSEL.

- To promote the financial and administrative support to ECSEL by Italian Ministries and Regional authorities.

- To become an Italian interface towards other similar European initiatives and especially PPP's.

Stake Holders in Italy

University of Bologna
University of L'Aquila
IUNET
CNR-IMM
Politecnico Torino
Politecnico Milano

Academia

Associations

- ANIE (Confindustria)
- Gruppo Elettronica (University)
- AEIT-AMES (Electrical Industry)

Industry

STMicroelectronics
Lfoundry S.r.l.
Finmeccanica S.p.A.
Bitron,
Thales Italia,
Applied Materials,
CRF
Soft-in,
LPE SpA,
IFEVS

Members of :
- AENEAS,
- ARTEMISIA
- EPOSS

Goals

Set up an Italian Platform including Industry and Academia in the field of Nanoelectronics-based components and systems, to:

- **Involve** Central and Regional authorities, whose Smart Specialization plan includes the sector, to strengthen all possible synergies.

- **Facilitate and support** wherever possible the decision process at Regional and Ministry level

- **Reinforce the system innovation** and the market penetration along the complete value chain through system integration at both levels of cooperation and Italy system .

- **Coordinate** the academic and industrial participation to the definition of priorities for European (ECSEL) WorkProgrammes.

- **Facilitate** the coordination of Italian participation in ECSEL project proposals, with special attention to SMEs.

Ambitions

Fostering "System view" in Italy:

➢ Networking and collaboration

▪ Large industry, SME, Research

➢ Coordinate regional and national decisions.

➢ Re-establish Italian public participation in ECSEL.
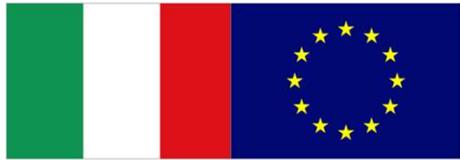
A European Vision:

➢ Link with national clusters in other countries.

➢ Connect to user ETPs and sector organizations (SEMI, ESIA, ETPs)

➢ Coordinate project submission and support formation of consortia (also in view of Lighthouse initiatives).
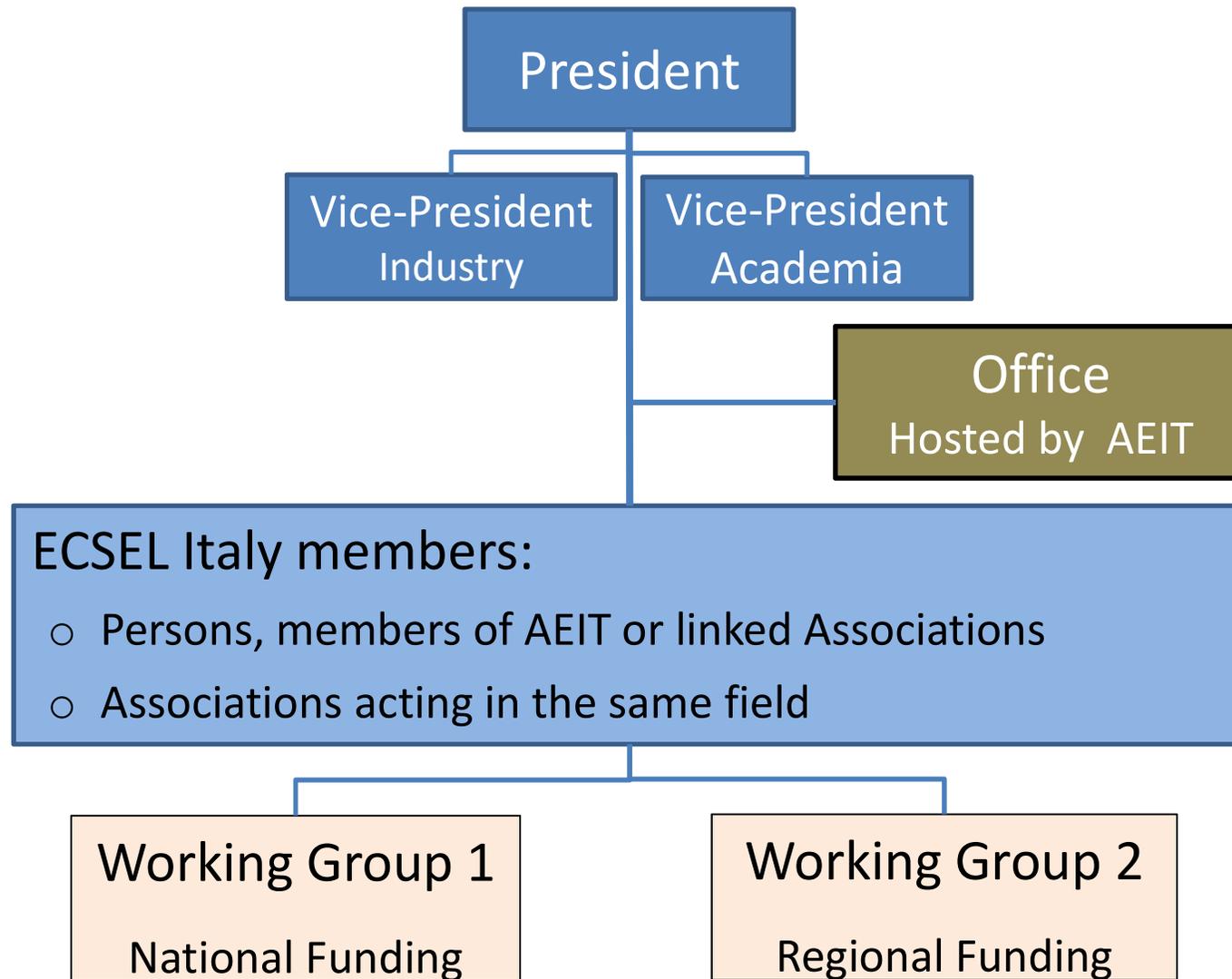
A short history

- ➢ Formal Kick-off on December 2015 in Milano

- ➢ Two Working Groups formed:

  - ▪ WG Central for National policies

  - ▪ WG Regional for regional policies

- ➢ Missions and scope defined

- ➢ Statute finalized

Management Structure

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                    ┌─────────────┐
                    │  President  │
                    └──────┬──────┘
            ┌──────────────┼──────────────┐
   ┌────────────────┐    ┌────────────────┐
   │ Vice-President │    │ Vice-President │
   │    Industry    │    │    Academia    │
   └────────────────┘    └────────────────┘
                                        ┌──────────────────────┐
                                        │        Office        │
                                        │   Hosted by  AEIT    │
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ECSEL Italy members:

o Persons, members of AEIT or linked Associations

o Associations acting in the same field

| Working Group 1	Working Group 2
National Funding	Regional Funding

International visibility

- Participation of the head of EPOSS Office to the Kick-Off meeting.
- Support by AENEAS Office
- Dedicated article in the ARTEMIS Magazine.
- Presentation of ECSEL Italy at the Smart System Integration Conference in Munich, on March '16
- ECSEL Italy strongly represented in all three Technology Platforms: AENEAS, ARTEMISIA and EPOSS.
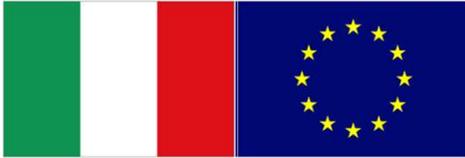
- Events planned to bring together Smart Systems and Nanoelectronics community in Italy.

- Successful workshop on Automotive in Turin July '16

- New one planned in Catania. 17 Nov. '16 (Seminario Automotive)

- ECSEL-IT presentation during ENF in Rome Nov. 2016.

- Other workshops planned in 2016-2017 (Smart Grid, Industry 4.0, traceability….)

First Achievements

➢ Contact with Ministries have induced MISE to participate with its funding in the ECSEL call 2016.

➢ MIUR has identified ECSEL projects for possible co-funding with PON 2014-2020 (based on FERS/ERDF). Contacts with regions started, to activate this possibility.

➢ ECSEL Italy participates in the InSSight H2020 Support Action for coordination and promotion of Smart System sector (granted for funding).

➢ Joint meetings started with MIUR and MISE (KO 6/10/2016), with support from Confindustria (the Italian industry association).

➢ **Get the ball rolling!**

Thank you!

http://www.aeit.it/ecsel

Contacts:
- gc.forlanini@gmail.com (President)
- baldi.livio@gmail.com (Coordinator)
- roberto.zafalon@st.com (Chairman Regional WG)