

ECSEL lyhyesti

2015

Tekes



ECSEL
Joint Undertaking



ECSEL Joint Undertaking

Electronic Components and Systems for European Leadership



ECSEL -

Electronic Components and Systems for European Leadership

- The Public-Private Partnership keeping Europe at the Forefront of Technology Development
- Electronic Components and Systems are a pervasive Key Enabling Technology, impacting all industrial branches and almost all aspects of life.

ECSEL JU offers funding for Research, Development and Innovation projects with unparalleled systemic and strategic impact for smart, sustainable and inclusive economic growth.

Tekes

DM

03-2015



ECSEL
Joint Undertaking



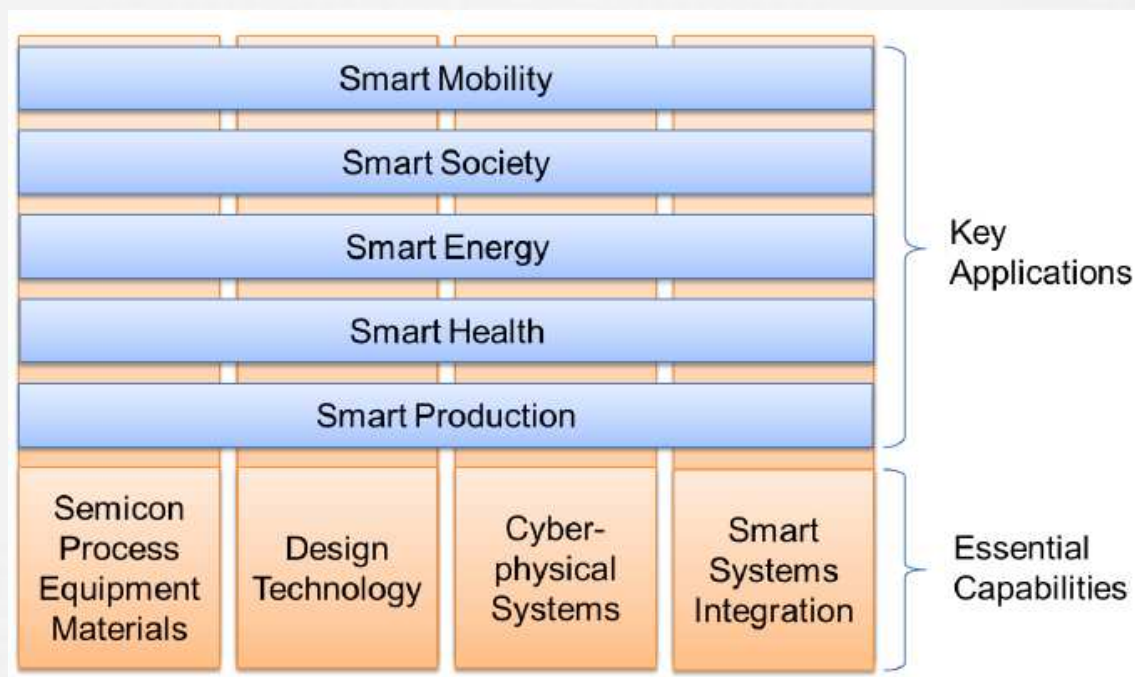
ECSEL Joint Undertaking

Electronic Components and Systems for European Leadership



Tietotekniikka Euroopan vahvuutena

Eurooppalainen teollisuus määrittää tutkimuksen tavoitteet, Euroopan Unioni ja jäsenmaat rahoittavat yhteistyössä toteutettavia tutkimus- ja kehitysprojekteja, yli 290 M€ /v 2015



- ECSEL jatkaa ARTEMIS ja ENIAC -työtä
- 2015 varsinainen projektihaku syyskuussa
- Suomessa ECSEL on osa Teollinen internet –ohjelmaa

ECSEL JU :

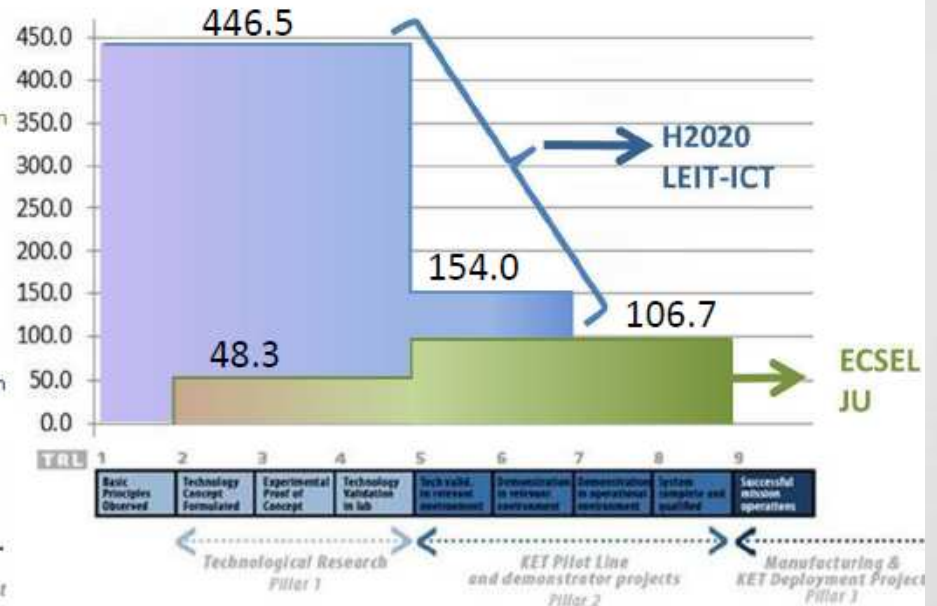
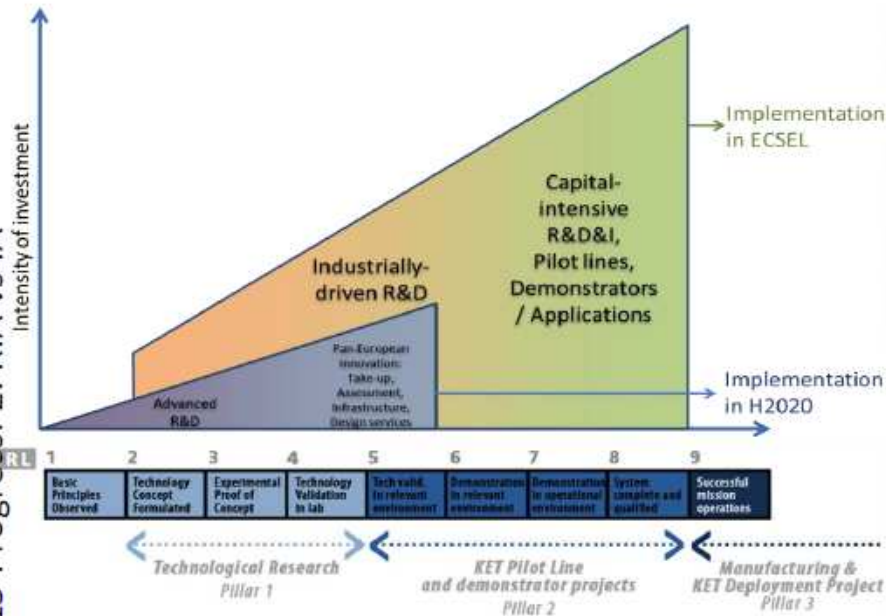
One Instrument among Other

Theory...

... and Practice

2014 Data

2015 Progress: 2. RIA vs IA



A.Wild: ECSEL JU Update,
ARTEMIS & ITEA Co-summit 2015 . Berlin. 2015 03 11

ECSEL 2015: Two calls RIA and IA

- **Research and Innovation Action (RIA)** primarily consists of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service, method, tool or solution. For this purpose they may include applied research, technology development and/or method/tool and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.
 - The activities have their centre of gravity at TRL 3-4
- **Innovation Action (IA)** primarily consists of activities aiming at pilot lines, test beds, demonstrators, innovation pilots and zones of full-scale testing. These activities produce plans and arrangements or designs for new, altered or improved products, processes, methods and tools or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.
 - The activities have their centre of gravity at the TRL 5-8

ECSEL Funding from 2 sources: EU + FIN

For RIA ECSEL Call 2015-1.

Research and Innovation Actions	Large Enterprises	Small and Medium Enterprises	Public Research Institutes and Universities
Tekes (national funding rules)	20 % grant	35 % grant	35 % grant
ECSEL JU (H2020 eligible costs)	25 % grant	30 % grant	40 % grant

Finland: Estimated allocation 4 M€

EU: Estimated expenditure: total 50 M€

ECSEL Funding from 2 sources: EU + FIN

For IA ECSEL Call 2015-2.

Innovation Actions	Large Enterprises	Small and Medium Enterprises	Public Research Institutes and Universities
Tekes (national funding rules)	25 % grant or Max. 35 % loan	35 % grant or Max. 50 % loan	35 % grant
ECSEL JU (H2020 eligible costs)	15 % grant	25 % grant	40 % grant

Finland: Estimated allocation 1 M€

EU: Estimated expenditure: total 95 M€

ECSEL Calls 2014: Conclusion

Eligible costs: 708M€ (National), 650M€ (H2020), 741M€ (max)

		Call 2014-1: RIA	Call 2014-2: IA	TOTAL
National Grants	Initial budget	17.5	42.5	164.5* (104.5 unassigned)
	Awarded	39.8	104.0	143.7
EU Grants	Initial budget	40	95	135
	Awarded	48.3	106.7	155.0
TOTAL	Awarded	88.0	210.7	298.7
2014 Outcome	Projects Selected for Funding	3Ccar EXIST MANTIS OSIRIS RobustSense SWARMs	ADMONT InForMed POWERBASE R2Power300 SeNaTe WayToGo Fast	<ul style="list-style-type: none"> • 48 FPP submissions • 12 projects selected • Success rate: 1 in 4

*: 158.51M€ published, plus additional contributions provided during the selection process

ECSEL Consortium Building Event

Hotel Bloom, Brussels
14 & 15 April 2015

The Consortium Event 2015 is organised to support formation of project consortia and help them build solid project proposals. In particular it will help encourage project proposals aiming to exploit the synergy among the various disciplines in ECSEL.

- the ECSEL Multi Annual Strategy Plan and the Work Programme for 2015
- the definition of the Research and Innovation Actions, respectively the Innovation Actions
- positioning the proposal in line with the hardware and software description of the Technology Readiness Levels
- evaluation criteria, in particular substantiation of impact statements
- **Project Proposals Presentations !!!**

+++ Breakout sessions to allow for projects and partners' meetings.

http://ecsel.eu/web/events/Consortium_Building_Event.php

ECSEL yleensä:

- On todellinen mahdollisuus pitkäjänteiseen yhteistyöhön muiden Eurooppalaisten yritysten ja tutkimuslaitosten kanssa
- sekä mahdollisuus saada julkista rahoitusta yhteisiin tutkimus- ja kehityshankkeisiin
- yritysveitoista, mutta tutkimus vahvasti mukana

- Rahoitushaku aikataulu 2015:

12 Toukokuuta

Deadline Project Outline phase, mandatory

8 Syyskuuta

Deadline Full Project Proposal phase

- Lisää tietoa www.ecsel-ju.eu ja Tekes

