

## Ενημέρωση για τα ερευνητικά προγράμματα Συνοπτικός Κατάλογος

Ενημερωτικό Φυλλάδιο -07/03/2018

1	Πρόγραμμα:	Ecsel Work Plan	Προθεσμία Υποβολής
	Τίτλος:	H2020 - Call for Proposals: H2020-ECSEL-2018-2-RIA-	
		TWO-STAGE	
	Κωδικός:	H2020-ECSEL-2018-2-RIA-TWO-STAGE	26-04-2018
	Ερευνητικές Περιοχές:	Έρευνα & Ανάπτυξη	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION-DIRECTORATE GENERAL FOR	
		RESEARCH AND INNOVATION	
	Ημερομηνία Δημοσίευσης:	21-02-2018	
	Υποπροσκλήσεις:	Όχι	
2	Πρόγραμμα:	Ecsel Work Plan	Προθεσμία Υποβολής
	Τίτλος:	H2020 - Call for Proposals: H2020-ECSEL-2018-1-IA-TWO-	
		STAGE	
	Κωδικός:	H2020-ECSEL-2018-1-IA-TWO-STAGE	26-04-2018
	Ερευνητικές Περιοχές:	Έρευνα & Ανάπτυξη	
	Δικαιούχοι:	Νομικά Πρόσωπα	
	Φορέας Κοινοποίησης:	EUROPEAN COMMISSION-DIRECTORATE GENERAL FOR	
		RESEARCH AND INNOVATION	
1			
	Ημερομηνία Δημοσίευσης:	21-02-2018	

## Ενημέρωση για τα ερευνητικά προγράμματα Αναλυτικός Κατάλογος

Ενημερωτικό Φυλλάδιο -07/03/2018

**1** Πρόγραμμα: Ecsel Work Plan

Tίτλος: H2020 - Call for Proposals: H2020-ECSEL-2018-2-RIA-TWO-STAGE

**Κωδικός:** H2020-ECSEL-2018-2-RIA-TWO-STAGE

**Ερευνητικές Περιοχές:** Έρευνα & Ανάπτυξη **Δικαιούχοι:** Νομικά Πρόσωπα

**Φορέας Κοινοποίησης:** EUROPEAN COMMISSION-DIRECTORATE GENERAL FOR RESEARCH AND INNOVATION

Ημερομηνία Δημοσίευσης: 21-02-2018 Προθεσμία Υποβολής: 26-04-2018

Περίληψη Πρόσκλησης: An ECSEL 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. The TRL definition is presented

in the ECSEL Work Plan 2018. A RIA proposal is characterised by:

Execution by a consortium that may consist of SMEs, large enterprises, universities,

institutes, public organizations;

Developing innovative technologies and/or using them in innovative ways;

Targeting demonstration of the innovative approach in a relevant product, service or capability, clearly addressing the applications relevant for societal challenges in relation with the ECSEL Strategic Thrusts as outlined in the ECSEL MASP 2018 (Multi

Annual Strategic Plan);

Demonstrating value and potential in a realistic lab environment reproducing the

targeted application;

Having a deployment plan showing the valorisation for the ECSEL ecosystem and the

contribution to the ECSEL goals and objectives.

In order to maximize effective implementation of the ECSEL top-level objectives, the list of RIA proposals to be retained for public funding shall constitute a balanced portfolio of projects developing innovative technologies (as defined in the ECSEL MASP 2018 in the essential technology section) and applying them in different domains as defined in the ECESL MASP 2018 (as defined in the application trust

section).
Topic Called:

ECSEL-2018-2-RIA: H2020-ECSEL-2018-2-RIA

ECSEL-2018-2-RIA-Special-Topic: H2020-ECSEL-2018-2-RIA-Special-Topic

Περισσότερα: <a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/</a>

calls/h2020-ecsel-2018-2-ria-two-stage.html

## Ενημέρωση για τα ερευνητικά προγράμματα Αναλυτικός Κατάλογος

Ενημερωτικό Φυλλάδιο -07/03/2018

**2** Πρόγραμμα: Ecsel Work Plan

**Τίτλος:** H2020 - Call for Proposals: H2020-ECSEL-2018-1-IA-TWO-STAGE

**Κωδικός:** H2020-ECSEL-2018-1-IA-TWO-STAGE

**Ερευνητικές Περιοχές:** Έρευνα & Ανάπτυξη **Δικαιούχοι:** Νομικά Πρόσωπα

Φορέας Κοινοποίησης: EUROPEAN COMMISSION-DIRECTORATE GENERAL FOR RESEARCH AND INNOVATION

Ημερομηνία Δημοσίευσης: 21-02-2018 Προθεσμία Υποβολής: 26-04-2018

Περίληψη Πρόσκλησης: An ECSEL 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.

A 'technology or method introduction' aims at the development, testing, and implementation of new technologies, tools or methods, which are a critical element

of innovative products, which will be created in subsequent projects.

A 'demonstration or pilot' aims to validate the technical and economic viability of a new or improved technology, product, process, service or solution in an operational (or nearly operational) environment, whether industrial or otherwise, involving,

where appropriate, a larger scale prototype or demonstrator.

A 'market replication' aims to support the first application/deployment in the market of an innovation that has already been demonstrated but not yet applied/deployed in the market due to market failures/barriers to uptake. 'Market replication' does not cover multiple applications in the market of an innovation that has already been applied successfully once in the market. 'First' means new at least to Europe or new at least to the application sector in question. Often such projects involve a validation of technical and economic performance at system level in real life operating conditions provided by the market.

The activities have their centre of gravity at the TRL 5-8. The TRL definition is presented in the ECSEL Work Plan 2018

An IA proposal in ECSEL JU is characterized by:

Execution by an industrial consortium that may consist of large and SM enterprises but also including universities, institutes, public organizations;

Using innovative technology;

Developing and demonstrating innovative solutions in relation with the  $\ensuremath{\mathsf{ECSEL}}$ 

Strategic Thrusts as outlined in the ECSEL MASP;

Establishment of a new and realistic innovation environment connected with an industrial environment, such as:

a pilot line facility capable of manufacturing

a zone of full-scale testing;

development of new processes or tools and their introduction in several domains; the development of frameworks or platforms together with the usage of these

frameworks

or platforms in innovative products

Having a deployment plan leading to short to mid term economic value creation in

Europe.

In order to maximize effective implementation of the ECSEL top-level objectives, the list of IA proposals to be retained for public funding should constitute a balanced portfolio of projects applying innovative technologies (as defined in the MASP in the essential technology section) and applying them in different domains as defined in the MASP. The domains represent the demand side of technologies, and the development of new technologies represents the supply side of technologies. NOT ALL FOCUS AREAS/ TOPICS/ MAJOR CHALLENGES presented in the ECSEL MASP 2018 are OPEN in this call. The FOCUS AREAS/ TOPICS/ MAJOR CHALLENGES OPEN in

this Call are indicated in the Annex 5 of the ECSEL Work Plan 2018.

Περισσότερα: <a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/</a>

calls/h2020-ecsel-2018-1-ia-two-stage.html