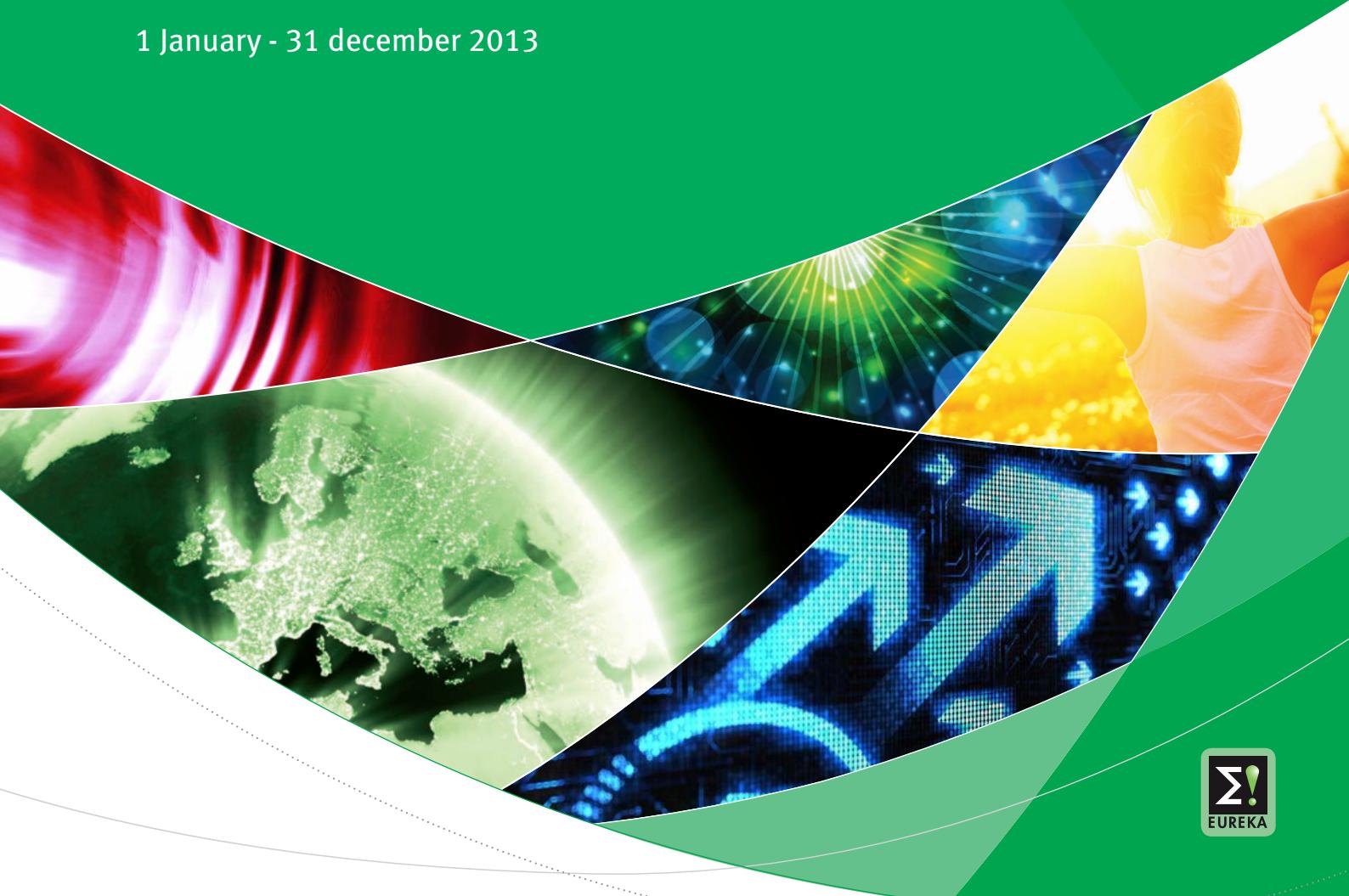


ITEA Annual Report

2013 Full year report

1 January - 31 December 2013



Contents

About ITEA	2	
Message from our Chairman	3	
1 ITEA achievements and ambitions	5	
1.1 Achievements	5	
1.2 Ambitions and challenges 2014	10	
2 Call progress and figures	11	
2.1 Call progress ITEA	11	
2.2 ITEA project landscape	14	
2.3 New projects ITEA 2 Call 8	15	
Appendix A	Call statistics per country and per year	21
Appendix B	How to access the online data	23
Appendix C	Glossary of terms	24

About ITEA

ITEA is the EUREKA Cluster programme supporting innovative, industry-driven, pre-competitive R&D projects in the area of Software-intensive Systems & Services (SiSS). SiSS are a key driver of innovation in Europe's most competitive industries, such as automotive, communications, healthcare, aerospace and consumer electronics.

Our vision

There is a wide consensus that change and disruption will be permanent features in society from now until 2030, with the way of living and doing business becoming fundamentally different from what it is today. In 2030 the world population will reach the magic number of 8 billion people, only 23% of whom will live in Europe and the Americas, so it is important to adopt a global view. In positive terms, this development should be seen as '8 billion opportunities'.

Digital Technology, encompassing the notions of hardware, software, IT services, internal IT and embedded software, has a major role to play in mastering the changes. For Europe, an industry strong in software innovation is a prerequisite for maintaining global competitiveness and in securing high-value jobs in Digital Technology and in other, more traditional industries that are dependent on Digital Technology.

Our mission

ITEA stimulates projects in an open community of large industry, SMEs, universities, research institutes and user organisations. As ITEA is a EUREKA Cluster, the community is founded in Europe based on the EUREKA principles and is open to participants worldwide.

ITEA's mission is to be the recognised partner for European industry, optimising support for companies and R&D actors active in ITEA projects in the area of SiSS, thus making best use of funding made available by the ITEA supporting countries.

Ambitions

- Innovation
- Business impact
- Fast exploitation
- Seizing the high ground
To ensure that European industry continues to be at the leading edge worldwide
- Happiness
For the community and the added-value of project results to improve the lives of end-users

Message from our Chairman



2013 was the year in which the Road to ITEA 3 was completed. ITEA 3 is built on top of a rich heritage from ITEA 1 and ITEA 2. Based on this heritage we enter into ITEA 3 with refreshed body and soul:

- ITEA 3 is an agile organisation to ensure adaptability to the changes ahead of us. In April 2014, our **Quality Management System** received the ISO 9001 certificate.
- ITEA 3 has a **living roadmap** as a permanently updated baseline for innovation.
- ITEA 3 has **strong partnerships** with the other EUREKA Clusters, with ARTEMIS, the EIT ICT labs as well as some national competitiveness Clusters.
- Last, but not least, we have restructured our annual Call calendar to be able to achieve a time of **10 months from idea to project start**.

You can read about our last steps on this road in this annual report, which describes ITEA's activities in 2013. Some of the other highlights are described below.

Programme overview

After the eighth and last Call of ITEA 2, 52 projects were finished, 40 are still running and 22 projects are labelled and about to be launched or are in a start-up phase. The total amount of effort for the whole ITEA 2 programme is forecasted to finish around 14,000 person-years. From a country perspective, France appeared to be the highest contributor to the ITEA 2 projects,

followed by Spain and Finland while Turkey's participation is growing. A clear negative trend identified since Call 4 was the time from project idea to project start, which went up from 15 months in Call 3 up to 24 months in Call 6. Another related trend was the decrease of the hit rate of the number of started projects versus the number of labelled projects, which was always around 80%, but in Call 6 suddenly dropped to 67%. These two issues are defined as Key Performance Indicators (KPIs) at the highest level in our new Quality Management System and are closely monitored. First actions have been taken to improve these trends. Overall the outlook for the future Calls is positive.

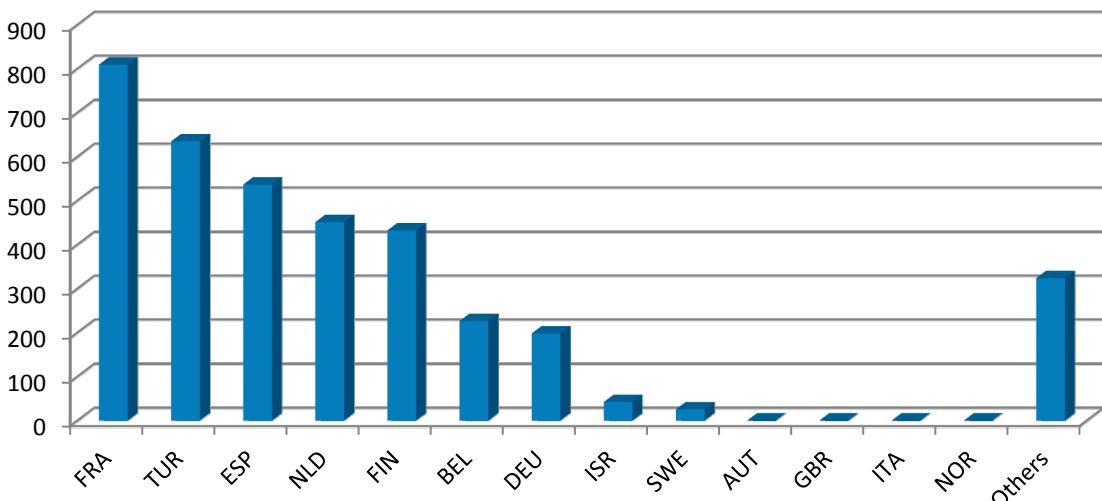


Figure 1: ITEA 2 Call 8 Labelled effort in person-years per country

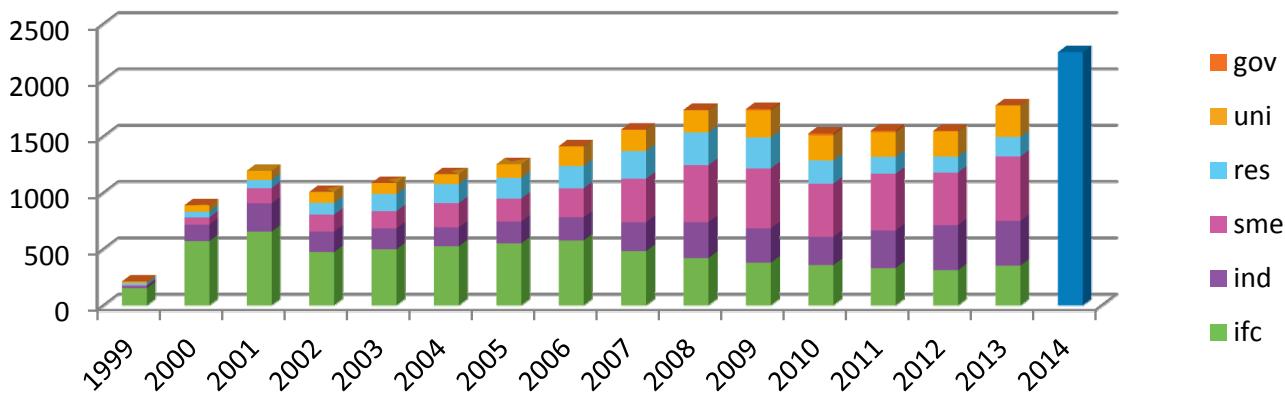


Figure 2: Effort in person-years per year per type of partner (ITEA – ITEA 2)

Extra footnote for figure 2: the 2014 figures are taken from the latest FPPs. As funding decisions are not yet fully known, a reduction in the effort for 2014 can be expected.

PO Preparation days Call 8

The considerable interest in ITEA 2 Call 8 was clearly shown by the high number of participants during the Project Outline (PO) Preparation Days, held in Istanbul on 19 and 20 March 2013. A record total of 281 participants from 18 countries actively participated in the different sessions and discussions. 50 project ideas were presented during the poster session and 52 project idea pitches were given in a plenary session. The event was evaluated well with a high overall score of 4.0 out of 5.0.

ITEA & ARTEMIS Co-summit 2013

On 4 and 5 December 2013, the sixth ITEA and ARTEMIS Co-summit in Stockholm gathered 627 R&D actors and policy makers from industry, research organisations, academia and public authorities. The theme ‘Software innovation: boosting high-tech employment and industry’ was reflected in the presentations of the 66 projects on the exhibition floor, in the speeches of the keynote speakers and in the plenary panel session. During the Co-summit, the ‘ITEA ARTEMIS-IA HIGH-LEVEL VISION 2030: OPPORTUNITIES FOR EUROPE, the impact of software innovation on revenue and jobs’ was officially launched. It contains the hard facts and figures that back up the need for doubling investment in software innovation. The Co-summit was highly appreciated with an overall rating of 3.7 (2012: 3.6) out of 5. The 2013 Co-summit was rated better than the 2012 Co-summit by 26% of the responders and rated equivalent to last year by 54%.

So, is this now all done?

With pleasure I say no, and announce a new year full of further hard work:

- Together with our ITEA (Public) Authorities Committee (ITAC) partners we will **promote ITEA 3** within our traditional partner countries.
- Together with EUREKA we will initiate a **more global approach** to research and innovation.
- Together with ITAC and our project leaders we will realise a time of **10 months from idea to project start**.
- Together with all our project partners we continue to work towards our high level ambitions “innovation, business impact, fast exploitation, seizing the high ground and happiness”.

Have a good read!

Sincerely yours,

Rudolf Haggemüller

ITEA Chairman

I **ITEA achievements and ambitions**

1.1 Achievements

1.1.1 Last year's ambitions and challenges

At the start of 2013, ITEA was in Phase II of the ITEA 3 preparations. The target for concluding this phase was January 2014 when the four elements of ITEA 3 were planned to be up and running. Phase II consisted of the following actions per ITEA 3 element:

Living organisation – Production and presentation of the Quality Management System (QMS)

In 2013 we produced a Quality Report, a detailed description of ITEA Office key processes, KPIs and metrics. This was presented at the DC-Board meeting in May 2013 as part of the progress report of the road to ITEA 3. We have made it operational by defining and monitoring KPIs, incorporating audits and discussing the status of the QMS in Office and body meetings. We have even taken this one step further by having an ISO 9001 audit performed by an external bureau, for which we received the official certificate in April 2014. The ISO certificate will be used to make a public announcement of the QMS.

Introduction and presentation of the ITEA Living Roadmap

We have introduced the ITEA Living Roadmap to the participants of the Project Outline Days of Call 8 and we have encouraged them to use this for their Project Outline. The Living Roadmap was also presented during the DC-Board meeting in May as part of the progress report of the road to ITEA 3. Finally, the Living Roadmap was presented during the ITEA Family session at the Co-summit and a Closed Working group, including representatives of some key innovation-oriented organisations, was dedicated to the Living Roadmap as well.

Less time between idea and project start

The actual status is 24 and 22 months between idea and project start for Call 6 and Call 7 respectively. In section 1.2.1 you can read more about the steps that have been taken to further decrease the time between idea and project start of ITEA 2 Call 8 and ITEA 3 Call 1.

Structural links to other Clusters

- Continued cooperation within the EUREKA network and Clusters in the inter-Cluster committee:
Under the auspices of the Turkish EUREKA Chairmanship (2012-2013), ITEA took part in a EUREKA High Level Group (HLG) Working Group to produce a EUREKA Cluster Document featuring five chapters that detail what EUREKA Clusters are, what makes them essential and the success of their impact on new economic and societal challenges. The document serves to demonstrate to the public what a EUREKA Cluster regularly achieves through dynamic coopeitition. The continuous growth and development of EUREKA Clusters, strongly supported by the European industry, EUREKA High Level Representatives and Public Authorities of countries of participating members, have made the Clusters what they are today: essential instruments for the global competitiveness of the European industry. The full report has been released at the beginning of October and can be downloaded at:
<https://itea3.org/itea-publications.html> and
www.eurekanetwork.org.
- Combined regional strengths in Pôles de Compétitivité with the EUREKA network:
To combine the forces of the PdCs and the EUREKA network, several PdCs participated with a booth at the ITEA-ARTEMIS Co-summit exhibition. We have also set up a separate session with these PdCs/national Clusters to exchange best practices on how ITEA can further support their internationalisation. Representatives of the following PdCs took part in this session: ARTEMIS Austria, Image & Réseaux, Systematic, SafeTRANS, High Tech NL and EIT ICT Labs.

- Continued cooperation with ARTEMIS in the ARTEMIS-ITEA Cooperation Committee (AICC):

The activities of the AICC in 2013 were the organisation of the annual Co-summit and the publication of the updated version of the ITEA ARTEMIS High Level Vision 2030: Opportunities for Europe. The vision highlights the impact of Digital Technology on revenues and employment and therefore the importance of Digital Technology for the European economy and society.

The full report can be downloaded at:

<https://itea3.org/itea-publications.html>

The formation and approval of the ITEA 3 legal documents:

At the end of 2013, the Frame Agreement, Articles of Association and the Project Cooperation Agreement (PCA) needed to be adapted for them to be ready at the start of ITEA 3 on 1 January 2014.

On 4 November, all members had signed the Frame Agreement. The Articles of Association were agreed upon by all the signing members on 3 December. During the preparation of the Frame Agreement and the Articles of Association by the lawyers of the co-signatories, the PCA was also reviewed. From now on, an agreed new version of the PCA is available for the ITEA consortia.

ITEA 3 promotion campaign

In addition to the regular events, like the PO days, the Co-summit and the external events to promote ITEA (see section 1.1.2), several events were organised with our ITAC members, specifically targeting the ITEA 3 promotion:

- Spain

On 27 June, ITEA had a meeting with MINETUR. This was an important opportunity to highlight the importance of ITEA for Spanish industry in Software-intensive Systems and Services.

- France

On 28 October, ITEA participated in “Assises de l’Embarqué” in Paris with a booth and a presentation on the added value of ITEA for the success of the SUS project; the speaker was one of the creators of a spin-off company. About 200 attendees visited the event.



Figure 3: Assises de l’Embarqué impression

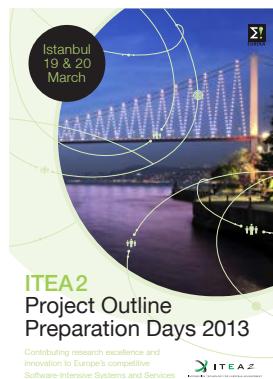
- Belgium

On 5 December, ITEA participated in the iMinds “The Conference” event in “The Square” in Brussels. The event welcomed more than 1000 visitors and hosted an exhibition of 47 demo booths and 4 general booths, including the booth of ITEA.

In 2014, several events are planned to further promote ITEA 3. More information about this can be found in section 1.2.3.

1.1.2 Events

Project Outline Preparation Days - Call 8



ITEA 2 Call 8 opened with the 2013 Project Outline Preparation Days on 19 and 20 March in Istanbul, attended by 281 participants from 18 countries. Up front, around 70 initial project ideas were sent in via the online project idea tool. During the event, 50 ideas were presented in the poster session and 52 pitch presentations were held in the parallel sessions. The group discussions resulted in 15 plenary

project idea presentations (some of which were already presented at the end of day 1, while others were held at the end of day 2). After the event, 47% of the attendees filled in the online evaluation questionnaire. The evaluation results were very positive: an overall score of 4.0 on a 5-point scale. 77% of the respondents indicated that their expectations were met. 23% of the respondents indicated that their expectations were partly met.

On 24 May, 34 POs were submitted with a total of 5299 PY, which represented the 3rd largest Call of the ITEA 2 programme in terms of effort. This is a significant increase since 2011, as Call 6 and 7 represented 4259 and 3892 PY respectively. Looking back, 64% (22 of 34) of the submitted POs resulted from the PO Preparation Days. On 26 June, 23 project proposals with a total of 4001 PY were invited to prepare a Full Project Proposal (FPP).

On 31 October 2013, the Full Project Proposal (FPP) submission of Call 8 closed. The results showed a strong continued interest in ITEA 2 with 21 FPPs submitted, corresponding to €380 million and 3860 person-years in total. In terms of person-years, this was the second largest Call of ITEA 2. Only Call 4 of 2009 was larger with 4500 PY submitted in the FPP phase. On 3 December, the labelling decision for Call 8 was made. 19 of 21 projects were labelled with a total effort of 3679 PY, the highest Call in terms of effort of all ITEA 2 Calls. Only 2 projects were rejected. Remarkably this Call sees a high participation of governmental bodies in ITEA projects with more than 60 person-years, of which nearly 90% is being spent in the projects C3PO, WATER-M and MOOC TAB.



Figure 4: ITEA PO Preparation Days 2013 impression

Figure 5 illustrates the evolution of Call 8, in terms of both person-years and number of project proposals. Figure 6 provides the breakdown of this effort for the labelled FPPs between the various types of organisation.

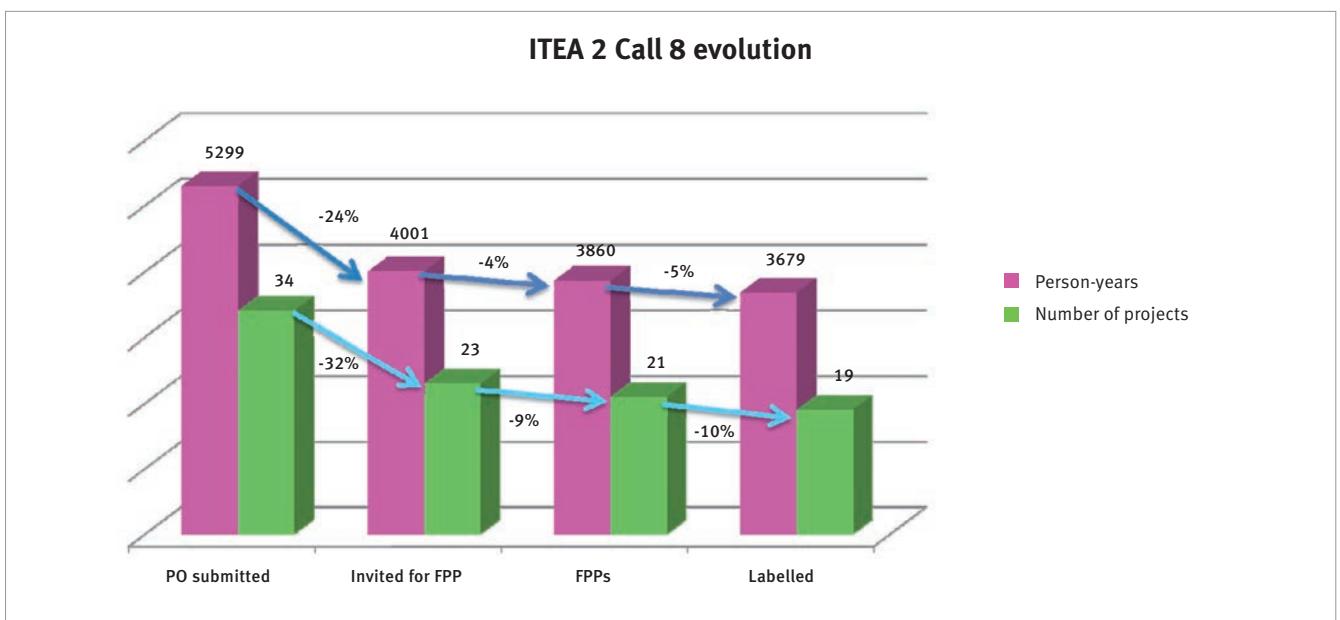


Figure 5: ITEA 2 Call 8 evolution

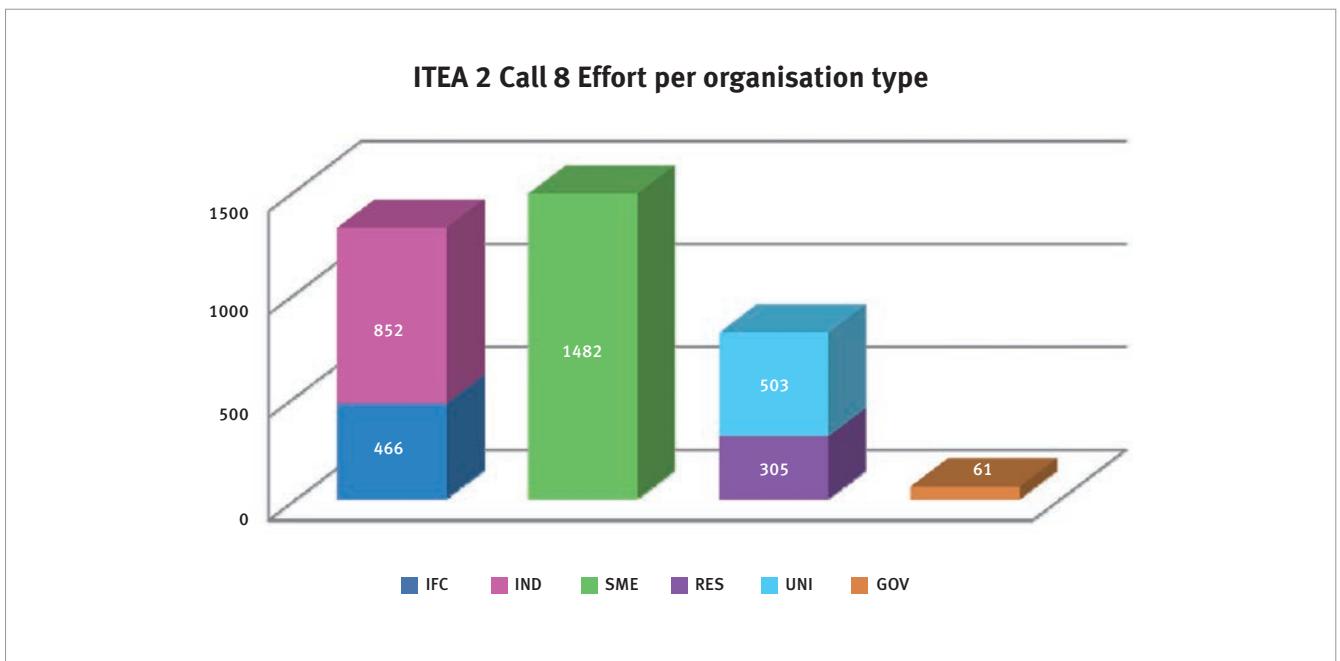


Figure 6: ITEA 2 Call 8 labelled Full Project Proposals – Effort in person-years per organisation type

A detailed description of the ITEA 2 Call progress and figures can be found in Chapter 2 of this report.

ITEA & ARTEMIS Co-summit



The sixth edition of the ITEA & ARTEMIS Co-summit was organised in cooperation with VINNOVA, the Swedish Governmental Agency for Innovation Systems and took place on 4 and 5 December in the Scandic Infra Business Center in Stockholm, Sweden.

The 2013 Co-summit focused on the role that software and software innovation can play in boosting the prospects for high-tech employment and industry in Europe.

The transnational innovative projects in ITEA and ARTEMIS are a significant factor in propelling Europe to boost its high-tech industry and to maintain, upgrade and grow its employment to keep Europe prosperous.

Programme highlights

Wednesday 4 December

During the first day, presentations included:

- A joint welcome and opening by ITEA Chairman Rudolf Haggenmüller and President of the ARTEMIS Industry Association Heinrich Daembkes;
- A welcome address by Daniel Johansson, State Secretary to the Swedish Minister for Enterprise, Energy and Communications;
- A keynote speech on Innovations and ICT by Charlotte Brogren, Director General VINNOVA, Swedish Governmental Agency for Innovation Systems;
- A key note speech on the Networked Society by Ulf Wahlberg, VP Industry and Research Relations, Ericsson CTO-office; and
- A theme speech by ITEA Chairman Rudolf Haggenmüller and President of the ARTEMIS Industry Association Heinrich Daembkes on the value of software innovation and development to building a stronger European industry and more sustainable society.

During the theme speech, Rudolf Haggenmüller and Heinrich Daembkes requested a doubling of investment in software innovation. This was backed up with facts and figures as presented in the *ITEA ARTEMIS-IA HIGH-LEVEL VISION 2030: OPPORTUNITIES FOR EUROPE, the impact of software innovation on revenue and jobs* that was officially launched during their speech.

After the plenary session on day one, visitors were treated to the novelty of four Speakers Corners that provided an opportunity to get an impression of the work of many of the projects on show and enter into stimulating debate. In the orange corner the presentations and debate centred on the fascinating area of the web of objects and the 2nd Renaissance that focused on the software engineering challenges to be addressed from an

automotive perspective. In the blue corner, man and machine was the focus of the presentations. Green was for open source and closed with an animated debate session. The pink corner looked at how emerging technologies were meeting the grand challenges faced by production industries.

Thursday 5 December

The second day started with community messages with presentations including:

- ARTEMIS programme highlights and a project debate with 4 ARTEMIS projects;
- ITEA Programme highlights, presented by ITEA Vice-chairman Philippe Letellier, including the ITEA Living Roadmap and project presentations of the three winners of the new ITEA Awards of Excellence – UsiXML, SUS and IMPONET; including the ITEA Living Roadmap and project presentations of the three winners of the new ITEA Awards of Excellence – UsiXML, SUS and IMPONET.

After lunch, Christina Forsgård, founder & partner of Netprofile, moderated a lively plenary panel session that explored the theme of Software innovation: boosting high-tech employment and industry. Panellists were Joachim Karlsson of VINNOVA, Tim Sinnaeve, Marketing Director for Digital Cinema at Barco, Carsten Rossbach, partner at Roland Berger Strategy Consultants, which provided the hard facts and figures for the ITEA ARTEMIS-IA High-level Vision 2030 positioning paper, and Max Lemke of the European Commission's directorate-general CONNECT.

Exhibition

The Co-summit presented a perfect platform to showcase the results of the projects in terms of innovation, business and societal impact, with a major exhibition of the collaborative research, development and innovation embodied in 39 ITEA and 27 ARTEMIS projects along with 10 other participants, such as EIT ICT Labs and various EC projects.

Awards

In 2013, three ITEA awards of Excellence were presented. They highlighted very successful projects with outstanding contributions to the ITEA programme that focused on the key achievements for ITEA: Seizing the high ground (impact), Exploitation and Standardisation.

The winners were:

- IMPONET (Intelligent Monitoring of PPower NETworks) won the award of Excellence in the category ‘Seizing the High Ground’;
- SUS (Smart Urban Spaces) won the Award of Excellence in the category ‘Exploitation’; and
- UsiXML (User interface eXtensible Mark-up Language) won the Award of Excellence in the category ‘Standardisation’.

OPEES (Open Platform for Engineering of Embedded Systems) won the Vice-chairman’s award for achieving real progress in open standards.

Press

Eight journalists writing for British, Czech, Dutch, French and pan-European publications attended the Co-summit. You can find more details about the press coverage in section 1.1.3.

Evaluation

Overall

The overall reaction to the Co-summit was positive with a score of 3.7 on a 5-point scale. This is a bit higher than in 2012 (3.6). On top of that, 26% of the responders rated the 2013 Co-summit better than last year and 54% thought it was similar.

Exhibition

The exhibition received a score of 3.6 on a 5-point scale (2012: 3.7). This year's special focus area was rated a bit lower than in 2012 - 3.5 vs. 3.6. The exhibition was well visited.

Plenary session and speakers corners

The plenary presentations and panel session were highly appreciated and received scores between 3.6 and 4.1. The new speakers corners were rated 3.4 overall, which is just higher than the 2012 parallel sessions were rated (3.3).



Figure 7: Co-summit 2013 impression

External events and activities to promote the programme

During 2013, the Presidium attended various events and meetings to promote ITEA. Highlights include:

- **EUREKA Korea Day (28-30 May)**

Around 150 European and Korean representatives from companies, universities and research institutes attended the Korea Eureka Day 2013 in Istanbul between 28 and 30 May. In its fourth year, the Korea EUREKA Day is the premier matchmaking event to get Korea and Europe working together on market-oriented research and innovation.



Figure 8: RECONSURVE receives award at Korea EUREKA Day

During the event, the ITEA 2 project RECONSURVE (Reconfigurable Surveillance System with Communicating Smart Sensors) received the main Award for the most innovative and commercially viable EUREKA project with Korean-European collaboration.

- **Conference “Russia – Europe: cooperation without frontiers” (17-18 June)**

On 17-18 June, the Annual B2B Matchmaking Forum ‘Russia - Europe: Cooperation without Frontiers’ was held. The Forum was organised jointly by the European Commissioner for Enterprise and Industry and the Ministers of Economic Development and of Industry and Trade of the Russian Federation.

Rudolf Haggemüller represented EUREKA at this conference. At the Round-Table *EU experience in helping SMEs to be dynamic, sustainable and innovative* he gave a presentation on ‘EUREKA, an instrument for networking and internationalisation of SMEs’.

- **Norwegian EUREKA Chairmanship Launch Conference (4 September)**

The opening conference of the new EUREKA Norwegian Chairmanship was held in Trondheim on 4 September. More than 200 researchers, entrepreneurs and public funding specialists visited the event. ITEA was represented at the event in a joint EUREKA Clusters exhibition booth that the participants could visit during the day.

- **1st EUREKA High Level Group / National Project Co-ordinators meeting (28-30 October)**

Fopke Klok represented ITEA during the first HLG / NPC meeting of the Norwegian Chairmanship. During this meeting

brainstorming took place on the newly formed Working Groups on the Norwegian Chairmanship priorities:

- Strengthening the position of EUREKA in the ERA
 - Continuing to develop the EUREKA international cooperation strategy
 - Optimising the governance of EUREKA
 - Developing a strategic roadmap
- Moscow International Forum for Innovative Development (31 October-2 November)**

Rudolf Haggenmüller was invited to speak at the Moscow International Forum for Innovative Development ‘Open Innovations’ held from 31 October to 2 November. The 2013 ‘Open Innovations’ Forum focused on Game Changers – forward-minded innovative companies and breakthrough technology solutions that change the rules of the global markets and relationships between global innovation market players.

1.1.3 Press coverage

In 2013, ITEA and its projects were mentioned several times on external websites and magazines.

32 publications have been written by 15 different bureaus, from 8 different countries.

We have excluded announcements of the PO days and the Co-summit from this overview. The same goes for news messages about these events on our partner websites.

A full press coverage overview can be found on
<https://itea3.org/press-coverage/year-2013.html>

1.2 Ambitions and challenges 2014

1.2.1 Time from idea to project start

Our definition of the time from idea to project start is the duration from the opening of the Call to the moment when 50% of all labelled projects starts. Over the last Calls this value has developed in a non-acceptable way, up to 24 months for Call 6. The current pace of innovation requires a swift decision making process to avoid that proposals are outdated before they can start. Therefore in 2013 we already announced the ambition of 17 months in Call 7.

For 2014, the ambition is that 50% of all labelled projects of Call 8 will have started by the end of June, thus 15 months after project idea (March 2013). This ambition can be reached thanks to a detailed analysis of the different funding procedures, a close monitoring of the decisions in the different countries and an optimised reporting procedure.

Thanks to this approach, which will be applied from the beginning of Call 1 of ITEA 3, 10 months will be challenging but doable.

1.2.2 Hit rate (started/labelled)

Our definition of hit rate is #started projects / #labelled projects. While in the past this ratio has always been around 80%, in Call 6 we observed a critical development with only 10 out of 15 labelled projects actually started. In the current economic situation the national budgets in some countries have tended to decrease and, in addition, we observed a delay in funding decisions in some countries. Some countries tend to apply conditional funding decisions (e.g. conditions on PCA, on decisions by others, on applications being really final) which prevent projects from getting started. The action is geared to improving the conditions for starting an ITEA project in cooperation with the Public Authorities and to get back to a hit rate of 80%.

1.2.3 Promotional activities

In 2014, in the beginning of ITEA 3 we are planning several promotional activities in ITEA countries:

13 February:

Presentation of ITEA to the Technology Platform General Assembly - Mexico

26 February:

ITEA 3 Kick-off event in cooperation with BMBF in Nuremberg - Germany

26 March:

ITEA presence during the DIGILE event in cooperation with TEKES in Helsinki - Finland

23 April:

EUREKA ITEA 3 Kick-off event in cooperation with FFG in Vienna - Austria

28-29 April:

EUREKA and Horizon 2020 Promotion event organised by ETRI and KIAT in Busan - Korea

15, 22 and 29 May:

ITEA 3 Kick-off event in cooperation with TÜBITAK in Izmir, Ankara and Istanbul

Other events will be discussed in the near future.

2 Call progress and figures

2.1 Call progress ITEA

Last year the final Call 8 of ITEA 2 was launched. It turned out to be a successful Call with 19 projects labelled. It seems that with Call 8 we continued the positive trend in the growing number of projects and effort and we are back at the normal level of the first four Calls. From Call 4 onwards there was a clear downward trend in the number of labelled projects and effort leading to the lowest results in Call 6. Since Call 7 the interest in the ITEA programme seems to have been increasing again.

The total amount of effort for the whole ITEA 2 programme is forecasted to finish at around 14,000 person-years. As usual, the major effort reductions are still expected for the last two Calls. From a country perspective France appeared to be the highest contributor to the ITEA projects, followed by Spain and Finland. The growing participation of Turkey in ITEA 2 was confirmed by a strong second position in Call 8. Also the Netherlands came back strongly in Call 8.

A clear negative trend identified since Call 4 was the time from project idea to project start (50% of projects started), which went up from 15 months in Call 3 up to 24 months in Call 6. In Call 7 this decreased only slightly. Another related trend was the decrease of the hit rate (number of started projects / number of labelled projects), which had always been around 80%, but in Call 6 suddenly dropped to 67% and in Call 7 a similar level. These two issues are defined as KPIs at the highest level in our new Quality Management System and are closely followed. This year the two items are key priority in our annual improvement plan for 2014 and together with the Public Authorities several actions are being taken to change the situation for Call 8. For Call 1 of ITEA 3 already the decision was taken to drastically change the Call calendar, with PO days in September and project start in July of the following year.

Overall the outlook for the future Calls is positive. The positive trend for the labelled number of projects and effort is back at the

expected level and some drastic measures have been taken to turn the negative trend of long start-up times and lower hit rates. With these changes we expect ITEA to keep its attractiveness for the community and continue to show positive trends in the future Calls.

Call 3

Call 3 is now finished. UsiXML had a successful final review in March 2013 and received the Award of Excellence in the category 'Standardisation' at the Co-summit in Stockholm last December. The last project of Call 3, NEMO&CODED, achieved a successful final review in November 2013.

Call 4

In 2013 the projects IMPONET, ISN, DIAMONDS, LIFEWEAR, SPY and MEDIATE finished. IMPONET, received the Award of Excellence in the category 'Seizing the high ground' at the Co-summit in Stockholm. The last projects of Call 4 will all finish in 2014.

Call 5

Call 5 is stable now and several projects, PREDYKOT, DiCoMa, MANY, CREATE, ATAC, ENERFICIENCY, TWIRL, EASI-CLOUDS, Web of Objects and SAFE will finish in 2014.

Call 6

As already indicated, there were serious problems in this Call. In total 5 out of 15 labelled projects were cancelled. Apart from FFreight-aaS and PEARL that were already cancelled in 2012 also PRI-BIOSEC, My-sleep and DAKSA were cancelled in 2013. The remaining projects have now all started, but some of them with a long delay.

Call 7

In Call 7 most projects had a long delay before they actually could start. Three projects MediaWIND, POINT2BDMC and Vitality were cancelled. Three projects SDGear, SENNET and IDEA4SWIFT have not yet started and are waiting for final funding decisions.

Call 8

In December 2013 the ITEA Board labelled 19 projects for a total of 3679 person-years and a participation of 19 countries. Section 2.3 provides a short summary of the topics addressed by each project.

ITEA 2 Call 1-8 number of projects over time

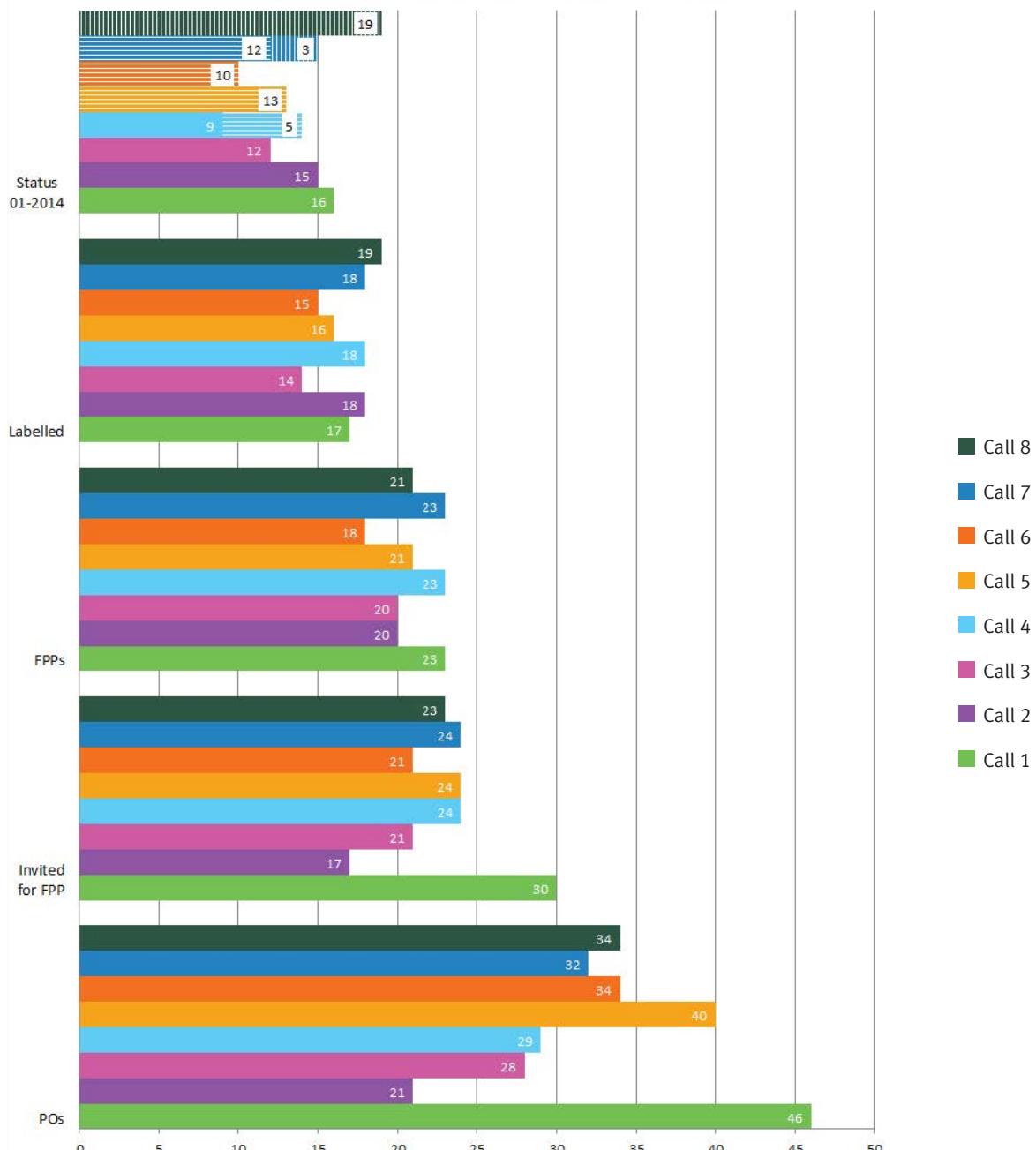


Figure 9: Number of ITEA 2 projects over time

Solid fill = completed projects - horizontal stripe = running projects - vertical stripe = waiting for funding decisions

ITEA 2 Call 1-8 Effort in person-years over time

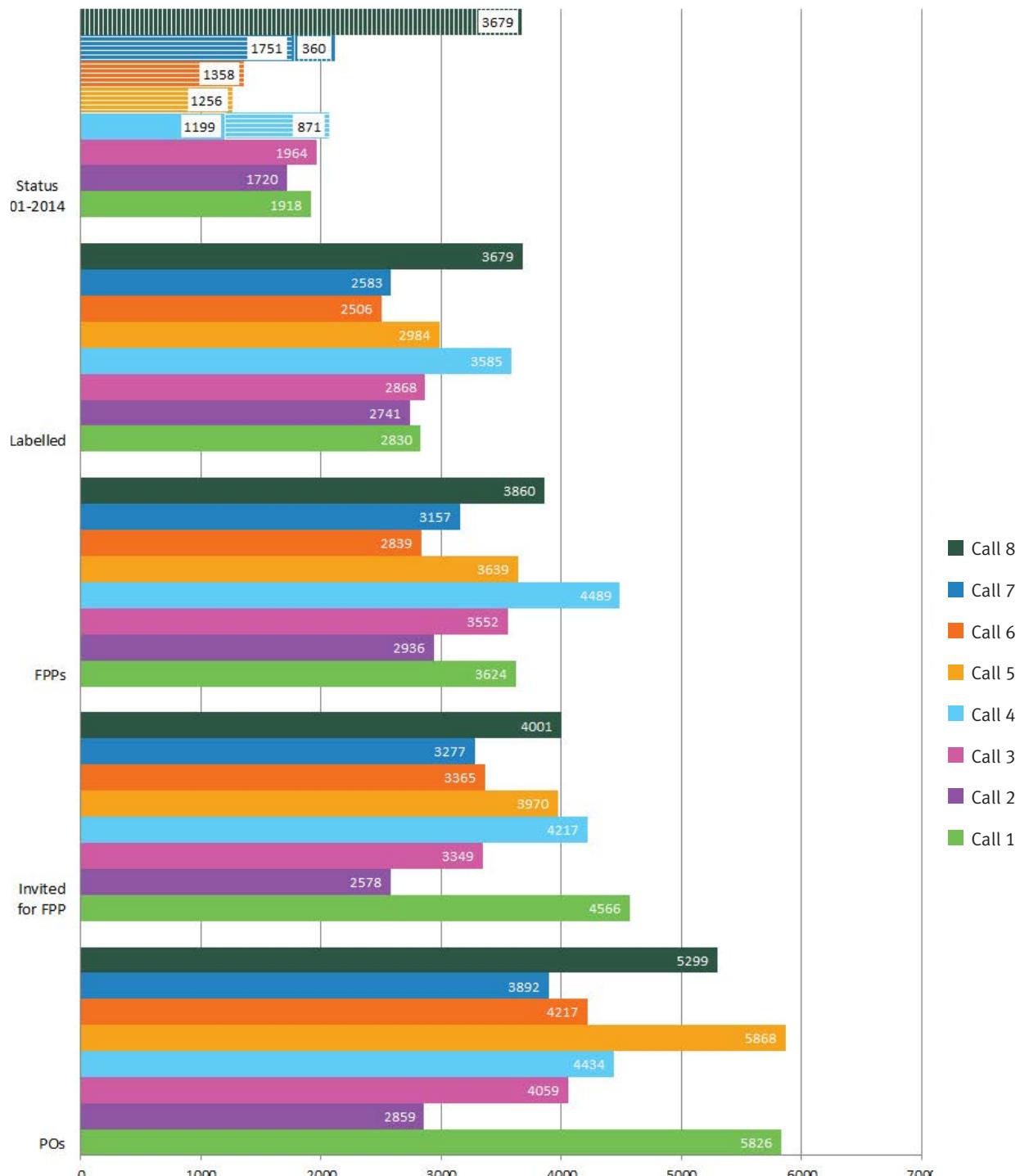


Figure 10: Effort in person-years in ITEA 2 projects over time

Solid fill = completed projects - horizontal stripe = running projects - vertical stripe = waiting for funding decisions

2.2 ITEA project landscape

Challenges	Projects	Call 8	Labelled	Running	Completed
Sustainability	FUSE-IT	ENERFICIENCY		IMPONET	
	M2MGrids	SEAS		NEMO&CODED	
	SENNET	ACOUSTICS		GEODES	
Mobility	openETCS				
Entertainment	ICARE	ACDC		Wellcom	
	JEDI	HDTVNext		CAM4Home	
Healthcare	BENEFIT	MoSHCA		Care4Me	Edafmis
	CLIMWELL	MIDAS		HiPiP	
	SoRTS	MEDIATE		AIMES	
Ageing society & wellbeing	CareWare	PRO-HEAL		AmIE	
	DEMWatch	MEDUSA			
Security and safety	InCloudInG	ViSCa		ADAX	Guarantee
	APPS	FedSS		RECONSURVE	ROLE-ID
	INSIST	SAFE		PREDYKOT	MULTIPOL
	IDEA4SWIFT	DiCoMa		SPY	TECOM
Engineering	IDEaliSM	Empathic		AMALTHEA	3D-Testbench
	COLOC	MODRIO		UsiXML	ES_PASS
	AMALTHEA4public	ATAC		OPENPROD	MoSIS
	SDGear	Web of Objects		VERDE	FLEXI
	FIONA	MANY		OPEES	EUROSYSLIB
	AVANTI	CREATE		ViCoMo	ParMA
	SCALARE	SEMOSA		PRISMA	D-MINT
	MACH	H4H		SEMbySEM	LINDO
	SITAC	ISN		Evolve	EASY Interactions
	PROMES	TIMMO-2-USE		MODELISAR	TIMMO
	MERgE	DIAMONDS		ITEI	
	MOOC TAB	ModelWriter		ACCELERATE	
Knowledge-based society	WATER-M	VAIPro			
	TWIRL	Metaverse1		ExpeShare	
Virtualisation of communities					
Urbanisation	C3PO	iCityServices		SUS	
Globalisation	InValue				
Service economy	DART	CarCoDe		LIFEWEAR	OSAMI-Commons
	BaaS	EASI-CLOUDS		DIY Smart Experiences	PubSub4RT
	CAP	A2Nets		uService	UseNet

Table 1: ITEA 2 projects classified per Living Roadmap Challenge

2.3 New projects ITEA 2 Call 8

A total of 19 projects were labelled in Call 8. The projects address a wide range of topics, but can be clustered in the following main themes:

Themes	Call 8 projects
S/W & System Engineering	AMALTHEA4public, IDEaliSM, COLOC
Security	APPS, FUSE-IT, INSIST, InCloudInG
Internet	M2Mgrids, DART, VAIPro
Health & Wellbeing	CareWare, BENEFIT, CLIMWELL
Industrial Management	ModelWriter, InValue
Smart Cities	WATER-M, C3PO, iCityServices
Education	MOOC TAB

Table 2: ITEA Call 8 projects classified per theme

DART – 13003

ADaptable SituAtion awaReness for InTelligence

Project leader: Thales (France)

Information is a strategic resource that must be smartly managed. Therefore, organisations need to be able to transform data from legacy and open sources into deeper insights and strategies about their business and cope better with future uncertainty.

DART will propose a new intelligence support system concept in a diverse range of fields such as customer, economic, multimedia, city and noise pollution intelligence. Based on social situation awareness, when decision depends on huge, heterogeneous and uncertain data sets and a large community of stakeholders, DART applies the process of intelligence to sort out useless, irrelevant and contradictory data and to create tailored decisional knowledge that supports specific decisions made by an individual or a group.

iCityServices – 13008

Login to the Smart City: making cities smart using a rule based layered architecture

Project leader: TNO (Netherlands)

Today more than half of all people live in urban areas. By the middle of the 21st century, the urban population will almost double, increasing from approximately 3.4 billion in 2009 to 6.4 billion in 2050. Cities all over the world are facing formidable challenges in the area of liveability, sustainability and economic prosperity. iCityServices addresses core challenges in managing city resources through a novel, bottom-up platform design that allows the effective integration of data and services across multiple domains and sectors. Current centralistic approaches

fail in the complex context that is the city ecosystem. The core innovation that enables a bottom-up, decentralised approach consists of a layered, rule-based system, able to deal with governance, security and ownership of cross-domain city services issues at the appropriate level. The bottom-up nature of the platform design enables innovative ways to involve users in the platform design and the mash-up of third party services. Finally, exploiting innovations in semantic-based reasoning will enhance intelligent and personalised ways of interacting with end-users.

M2MGrids – 13011

Smart M2M Grids for a Cyber-Physical Information Ecosystem

Project leader: VTT (Finland)

The Smart M2M grids project is focused on creating enablers for a dynamic cyber-physical information business ecosystem connecting the physical world with the business processes of companies in real-time. The first goal is to connect physical world sensors, actuators and various embedded devices and machines (physical M2M objects) with IT systems automatically/semi-automatically by applying and extending horizontal open standards based M2M infrastructures for communication and services. The second goal is to enable information management for embedded and distributed application for smart interaction with physical M2M objects and IT back-office systems. The third goal is enabling smart information exchange between selected business cases related to energy, buildings, transportation and consumer M2M products and services to make the future world smart, smooth and secure for consumers/prosumers. The resulting system is aimed at boosting transfer towards a more sustainable society and a novel real-time service economy within selected industrial business cases.

VAIPro – 13012*The Virtual Artificial Intelligent Professional*

Project leader: Natlanco (Belgium)

Although electronic devices are common in our daily lives now and used for all kind of tasks and information searches, the interaction is still mainly done via (touch) screens, keyboards or a mouse. New kinds of human-machine interfaces have appeared providing more user friendly interaction with the devices, albeit still far away from the communication that we are used to when we interact with other persons. The goal of this project is to make a major step forward in human-machine interaction and ease of information gathering by improving the quality and integration of current human-like communication technologies, such as speech recognition and text-to-speech, 3D animation, natural language processing (NLP), dialogue systems and knowledge & expert base search. The technologies will be provided as individual components with standardised interfaces via a common platform in order to reduce the development time significantly from several months to several days for application and service providers to generate a virtual artificial intelligent professional (VAIPro).

InValue – 13015*Industrial Enterprise Asset Value Enablers*

Project Leader: TWT (Germany)

In the manufacturing and automotive sector more comprehensive service and automation solutions relying on information across the whole deployment chain will become predominant in the near future, ensuring the best availability and utilisation (asset management) of machinery worldwide. The implementation of such processes relies heavily on the rigorous employment of the latest ICT concepts. The main goal of InValue is to support these new paradigms by developing and demonstrating an open and shared integrated service platform that supports the overarching data management processes in today's industrial domains across the whole value chain of information. The InValue platform will rely on existing standards while combining novel and integrated solutions for the content and knowledge management of heterogeneous information derived from various sources. This includes information acquisition and aggregation, representation, analysis and exchange between smart devices, automation systems, information systems and the involved stakeholders, like technical and management staff as well as suppliers and customer organisations. InValue enables companies to build specific applications upon a shared information architecture encompassing new relationships between business partners and customers, finally implementing the 'boundless enterprise' paradigm.

C3PO – 13016*Collaborative City Co-design PlatOrm*

Project leader: Thales (France)

C3PO aims at providing a Cloud collaborative and semantic platform for city co-design. The C3PO platform is unique in that it covers the whole urban project development process where cities empower, encourage and guide different stakeholders (citizens, decision makers, architects, etc.) to develop an urban project together. C3PO does not intend to replace or modify the existing applications offering unique but partial solutions of city co-design (simulation tool, open API, 3D modelling and visualisation, gaming tool, etc.) but can be seen as an open and generic intermediary that enables the interaction between existing applications through a unique multi-dimensional semantic repository (covering the different types of information in city co-design like GIS, BIM, electricity grids, traffic, etc.). As such, C3PO will enable the capitalisation of existing applications and data sources by enabling their integration as services, or by enabling them to exploit the C3PO Open API.

AMALTHEA4public – 13017*Enabling of Results from AMALTHEA and others for Transfer into Application and building a Community around*

Project leader: Bosch (Germany)

The context of AMALTHEA4public is software engineering for embedded systems – predominantly, but not limited to, automotive systems. The core scope is to enable efficient and effective software engineering for embedded multi-core systems. The goal of AMALTHEA4public is to integrate the results of various publicly funded projects with new developments and use the results of AMALTHEA accordingly to foster the transfer into application and to establish a community around the combined and continuous tool chain platform. The intention is to position the open-source tool chain framework as a de-facto standard for future software engineering design flows for automotive and other embedded systems. AMALTHEA's result is an Eclipse-based open-source tool chain infrastructure with a basic set of tools included. AMALTHEA4public is moving ahead of this by adding unique selling points (USPs), showing success stories and integrating recent and new research results. The new project is intended to add features like testing, verification and validation, safety, systems engineering, product line engineering and many-core support. It also addresses additional domains like ICT and automation.

INSIST – 13021*Integrated service delivery for citizens' safety and comfort*

Project leader: Philips (Netherlands)

The urban spaces are full of standalone sensor-based installations of different services designed according to their own purpose

and requirements. For example, municipalities provide several services to their citizens: public lighting, street safety and security for citizens, traffic management, etc. These services rely mostly on street-implemented infrastructure, such as lampposts, cameras, sensors and induction loops. In addition, local businesses have their own illumination systems, advertising infrastructure including neon signs, public displays, etc. They also monitor customer behaviour using various sensor systems. The INSIST project proposes an integration of these sensor-based systems into a wider perspective by developing a smart connected ecosystem for public spaces, where the sensor data provided by the different INSIST sensor systems can be efficiently used for not only the proprietary infrastructure services but also to offer value added services based on data fusion from multiple sensor systems in the business areas of smart lighting, surveillance, traffic management, advertising and atmosphere, business intelligence and building management. INSIST builds upon previous projects in the security and safety domain such as CANTATA and ViCoMo. The building blocks from previous projects have reached a degree of maturity that allows us to add this next step in INSIST by integrating quantifiable data from multiple sources into models, workflow support and evaluation of effectiveness and efficiency.

FUSE-IT – 13023

Facility Using smart Secured Energy & Information Technology
Project leader: Cassidian (France)

Fuse-IT will address the need for sustainable, reliable, user-friendly, efficient, safe and secure Building Management System (BMS) in the context of smart critical sites. A main purpose is to solve the dilemma between efficiency and security in intelligent & strategic buildings. The result of FUSE-IT will be a smart secured building system, incorporating secured share sensors, effectors and devices strongly interconnected through trusted federated energy & information networks, a core building data processing & analysis module, a smart unified building management interface and a full security dashboard. Remote multisite monitoring will be implemented, taking advantage of big data analytics.

COLOC – 13024

The Concurrency and Locality Challenge
Project leader: Bull (France)

The current trend in the supercomputer industry is focused on providing more and more computational cores. The HPC industry is mainly compute-centric (tera/petaflops and now working for exaflops capacity), ignoring data placement and thread concurrency management. However, these aspects are proving increasingly relevant to maintaining progress in solving scientific and engineering problems with the help of data processing and simulations. As the volume of data handled by HPC applications is growing dramatically combined with an increasing computing

hardware heterogeneity, data placement (resource allocation and access) and data management now appear to be a real barrier that prevents the applications from fully exploiting the power of modern HPC datacenters. Therefore, the objective of COLOC project is to design, implement and validate new approaches to break this barrier. The COLOC consortium also aims at providing software vendors and simulation service providers with methodologies and tools to develop and hone their applications to gain the most value from expensive and heterogeneous compute resources.

CLIMWELL – 13026

Climate and Well-Being Improvement in Buildings
Project leader: Philips (Netherlands)

The Indoor Environmental Quality (IEQ) of a smart building is directly linked to the wellbeing of its occupants. In the CLIMWELL project, we begin with a case study of improved IEQ in hospitals to address the wellbeing of patients and medical staff. In this environment, good or optimum IEQ can have a positive impact on the healing process of patients and on wellbeing, satisfaction and productivity of hospital staff. IEQ is composed of a variety of factors, such as particulate level, CO₂ percentage, humidity, temperature, noise level and acoustics, quality of illumination and daylight access. IEQ is difficult to control as it results from the behaviour of different subsystems; in addition, IEQ depends on the people involved, the work they do and their work schedules. The CLIMWELL project will define, develop and implement an integrated climate control system to adapt the IEQ to the occupants of the building. The project will gather fundamental insights that relate IEQ to wellbeing, and develop algorithms and software to adapt the control system accordingly. The behaviour of the control will be optimised towards three metrics: 1) the healing environment and wellbeing of patients, 2) the workflow efficiency and job satisfaction of staff and 3) the building performance (energy savings). The project will demonstrate the results in the context of a hospital, although the general scope of CLIMWELL technology includes public buildings, offices and industry.

ModelWriter – 13028

Text & Model-Synchronised Document Engineering Platform
Project leader: SpaceApplications (Belgium)

The objective of the ModelWriter project is to bring a quantum leap in the productivity of technical authors (such as software or systems engineers, project managers, business developers, etc.) who are engaged in authoring documents of a technical nature. The project also aims to improve the quality (consistency, completeness) of these documents that, in turn, will enhance the quality of companies' products, e.g. via a reduction of cost of product defects. Finally, ModelWriter aims also to allow companies to further exploit, recycle and valorise their own internal knowledge, which is currently left unexploited in technical

documents that are seen as a sequence of words only. To achieve this, the project envisions an integrated authoring environment called "ModelWriter", which will be locally used by each author / contributor. This will combine two parts, a semantic word processor (= the "Writer" part), which resembles a typical word processor but capable of "understanding" pieces of text and transparently creating models of contents out of them, and a Knowledge Capture Tool (= the "Model" part), which resembles a spreadsheet table, or other familiar information modelling tools.

WATER-M – 13029

Unified Intelligent WATER

Project leader: Indra (Spain)

Only 2.5% of the world's water is fresh water. In recent decades, the human population has increased by a factor of 3, but at the same time water demand has increased by a factor of 6. Water is a finite resource that should be carefully managed. However, more than 50% of the world's population lives in areas with a water sustainability problem. In this regard, water industries are using SCADA technologies to support their business processes, but this is clearly not enough. To solve the water sustainability problem, which is compounded by the water process complexity, a major upheaval of the water industry is needed with the introduction of novel concepts, such as GIS integration, quality management programs or real-time data management. In this context, ICT technologies are needed to drive these challenges. The scope of the Water-M project enables the creation of new products and services to build a unified water business model that will benefit European Union water stakeholders. The Water-M project combines real-time monitoring and operational control, service-oriented approaches and event driven mechanisms in the water management domain.

BENEFIT – 13031

Better Effectiveness aNd Efficiency by measuring and modelling of Interventional Therapy

Project leader: Philips (Netherlands)

Ageing populations are driving up the costs of healthcare. The number of people older than 60 will triple within a generation. Elderly people more often have combinations of chronic or acute diseases. Thus an increasing number of patients will have to be diagnosed and treated in the hospital, which requires up-to-date diagnostic tools and interventions. Advanced imaging tools have already been shown to improve diagnosis and, in the same way, minimally invasive interventional treatments have been shown to reduce costs compared to traditional open surgery. BENEFIT builds upon previous projects in the Healthcare domain, which have provided additional clinical information from medical imaging as well as an architecture to integrate information sources, visualisation means and device actuators during interventions. These building blocks have reached a degree of maturity that

allows us to make a subsequent step to quantify data from multiple sources and apply them in models and workflow support before, during and at the end of an intervention. BENEFIT addresses improvements in areas like Image-guided intervention and treatment (IGIT) – treatment planning, decision support and simulation, resolution improvement, exact positioning of invasive devices – and Medical data IT – clinical decision support systems; Image/signal processing and analysis, modelling.

CareWare – 13034

Electronic Wearable Sport and Health Solutions

Project Leader: EOLANE- Les Ulis (France)

When examining the state of the art in the sports and health domain we can find plenty of companies providing advanced electronic textiles, smart sensor solutions, real time platforms, data visualisation or data transferring solutions. Unfortunately, these solutions are rarely integrated together as a real, interoperable, innovative, user driven, go-to-market solution. In the future, the sports and health domain will have personalised, simple-to-use and technologically advanced solutions, which combine real-time data from various sources and advanced wearable smart sensor technologies like highly efficient, accurate and durable narrow fabric sensors. New ways to integrate and collect real-time data will require more data transfer capacity and cloud platforms to enable stakeholders to continuously access the relevant information. The CareWare project aims to develop and leverage novel unobtrusive cyber physical systems for monitoring and advancing personal health and wellbeing.

APPS – 13035

ADVANCING PLUG & PLAY SMART SURVEILLANCE

Project Leader: Aselsan (Turkey)

At present, surveillance systems in the maritime domain consist of radar and visual sensors. Whereas radar is used to detect and track vessels, the visual sensors are used for securing borders in and around large infrastructures as e.g. along a coast or in a harbour. These sensors are never used in conjunction in their full capacity and have severe limitations. Radar is only capable of detecting large vessels without getting details about the type and identity, whereas visual sensors are too static and hamper 3D capabilities. Therefore, future surveillance systems will differ significantly from today's systems in several important ways by exploiting the benefits of different sensor modalities. They will integrate high-quality (HD and 3D video), multi-sensory data inputs taken from multiple viewpoints, exchange multi-streamed data between subsystems and take action in a plug-and-play fashion, whereby the multidimensional data is analysed in real-time. This will place unprecedented demands on networks for high-capacity, low-latency, and low-loss communication paths. The APPS project will contribute to this transition by advancing the state-of-the-art in surveillance systems in three key areas: (1)

it will enable the development of plug & play solutions; (2) it will enhance the sensor processing and intelligent decision-making capabilities and intelligent operator aids of such systems to achieve smart surveillance in large spaces such as coastal areas and harbours with critical infrastructures; and (3) it will develop a robust communication layer over heterogeneous technologies.

IDEaliSM – 13040

Integrated & Distributed Engineering Services framework for MDO

Project Leader: KE Works (Netherlands)

The high-tech transport manufacturing industries like automotive and aerospace have globalised with customers, partners as well as competitors. Industrial partners are involved in multiple projects that involve the collaboration of multiple sites and multiple companies, supplying each other with specific services in engineering and manufacturing. To survive in this very competitive environment the European market will need to be inventive, innovative AND operationally excellent. This means that the European competitive edge based on their knowledge of novel high-tech solutions should be combined with fast, robust and low-cost product development and operationally excellent manufacturing. IDEaliSM aims to drastically improve the time-to-market and development cost of high-tech structures and systems through a radical change in the product development process by enabling the continuous integration of distributed and highly specialised development teams. To this end the project will deliver a new distributed, flexible and service-oriented development framework for multidisciplinary design and optimisation that is capable of integrating people, process and technology.

MOOC TAB – 13043

Massive Open Online Course TABlet

Project Leader: NXP Semiconductors (France)

We are facing a strong expansion in e-education systems (expected worldwide market of \$267 billion in 2017). One key mover in this increase will be the fast-emerging offer of MOOCs (Massive Open Online Courses) along with HR corporate department and higher education segment. The success of MOOC is expected to change the structure of the higher and corporate education industry within 10 years. The tablet, as a tool for having content whenever you want, is very complementary to the online Web MOOC Platform. Nevertheless, such massive deployment within education pinpoints the need of tablet fleet management and also content management protection. For all those reasons, simple and effective identity management and security features related to the eLearning platform are needed. MOOC TAB aims to create a tablet-based platform dedicated to lifelong learning (primary, secondary, higher and continuous) using an on-demand MOOC platform, based on existing open source MOOC platforms;

data stored on a local secured cloud; MOOC used through tablets with an intuitive interface and a secured connection; open platform allowing the retrospective addition of other use cases.

InCloudInG – 13047

Inter-cloud identity governance

Project Leader: Evidian (France)

Nowadays, cloud consumers use business applications from several cloud providers. Because they are not able to globally administer identities, consumer organisations and cloud service providers are experiencing severe difficulties in ensuring an efficient and safe management of identities. InCloudInG will provide an innovative, modular and consistent eco-system of software modules to enable the robust management of identities and access to applications running in an extended environment of multiple cloud providers. InCloudInG will implement crucial identity mechanisms, located at every level of the Software-as-a-Service value chain, to securely and efficiently govern the identities and permissions of end-users in the extended cloud environments of Software-as-a-Service. Enabling cloud adoption indeed remains a key business necessity for cloud service providers, as well as for cloud consumers. As confirmed by analysts, robust and efficient identity management is definitely seen as a strong enabler for that.

Appendix A

Call statistics per country and per year

ITEA 2	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
Call 1	366	743	645	164	-	-	-	-	-	-	-	1918
Call 2	-	345	632	541	201	-	-	-	-	-	-	1721
Call 3	-	-	305	657	624	339	40	-	-	-	-	1964
Call 4	-	-	-	163	660	677	419	151	-	-	-	2069
Call 5	-	-	-	-	65	366	472	283	70	-	-	1257
Call 6	-	-	-	-	-	177	482	507	229	-	-	1393
Call 7	-	-	-	-	-	-	368	798	710	235	-	2110
Call 8	-	-	-	-	-	-	-	520	1317	1270	572	3679
	366	1088	1582	1525	1551	1558	1780	2258	2326	1505	572	16111

Table 3. Participation in person-years per Call per year as of 27 January 2014. Effort based on latest FPP.

ITEA 2	AUT	BEL	DEU	ESP	FIN	FRA	GBR	ISR	ITA	NLD	NOR	SWE	TUR	OTH	Total
Call 1	20	63	166	567	395	448	4	14	0	55	66	48	6	65	1918
Call 2	38	90	182	576	147	441	0	13	0	150	0	18	35	30	1720
Call 3	0	104	100	552	246	460	0	0	0	270	17	41	61	114	1964
Call 4	4	65	119	399	204	784	1	0	0	213	8	17	163	95	2071
Call 5	14	32	89	225	111	404	0	13	0	87	0	32	112	137	1256
Call 6	4	94	97	228	236	400	0	20	2	104	0	29	94	85	1393
Call 7	0	42	148	416	404	330	0	5	0	105	0	54	357	250	2111
Call 8	0	226	198	537	432	809	0	42	0	451	0	25	635	324	3679
Total	81	716	1099	3500	2174	4076	5	107	2	1436	91	264	1461	1100	16111

Table 4. Participation in person-years per Call per country as of 27 January 2014. Effort based on latest FPP.

All figures in person-years, status 27 january 2014

- █ ITEA 2 participant
- █ EUREKA member (no ITEA 2 partner)
- █ EUREKA-NIP country (no ITEA 2 partner)

Other countries in ITEA 2 include:

Canada, Switzerland, China, Czech Republic,
Denmark, Egypt, Estonia, Greece, Ireland, Republic
of Korea, Lithuania, Luxembourg, Poland, Portugal,
Romania, Singapore, Slovenia, Ukraine

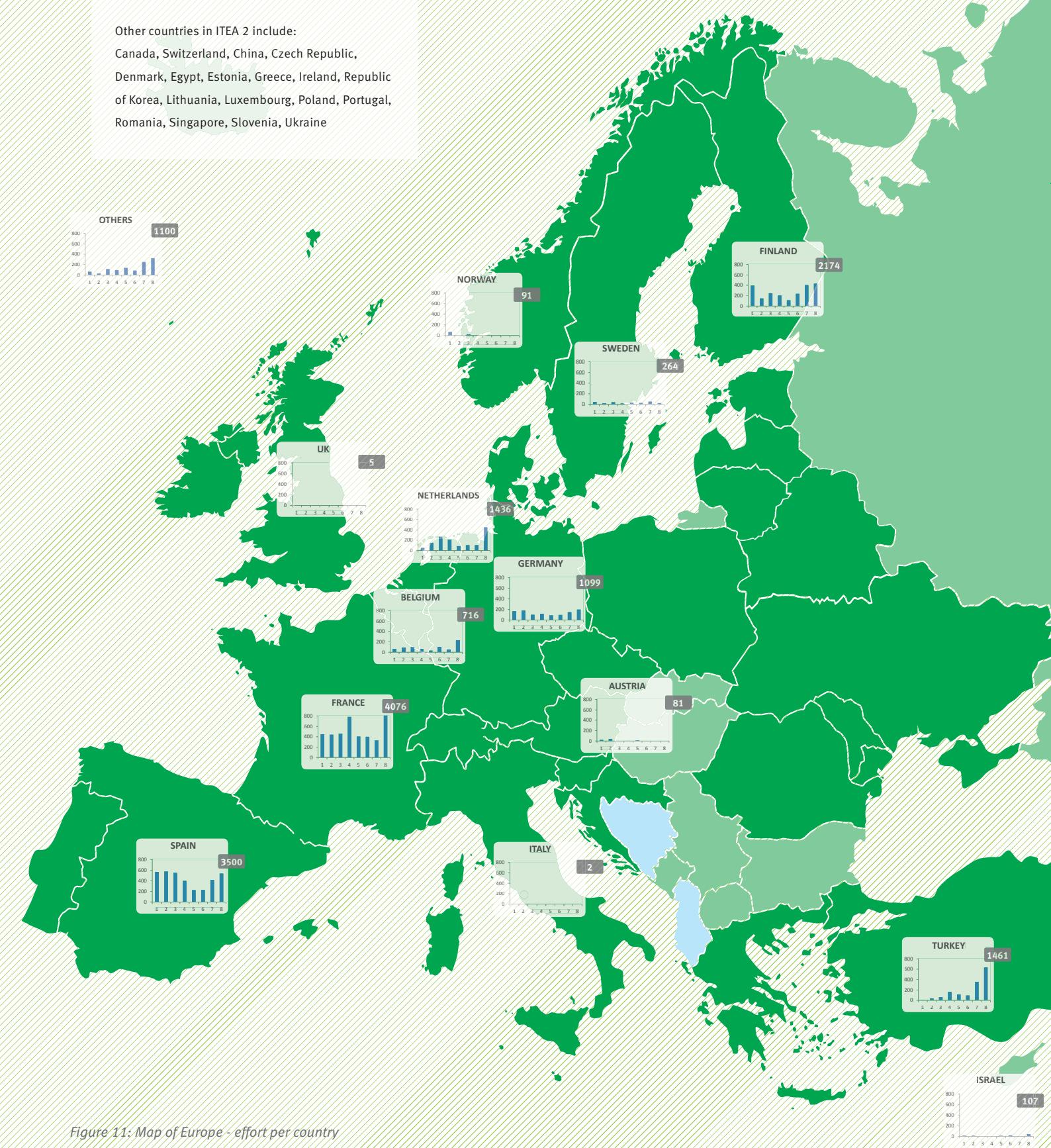


Figure 11: Map of Europe - effort per country

Appendix B

How to access the online data

The ITEA Community Website gives access to restricted information for the ITEA community.

HOW TO LOGIN

The Community website can be accessed on <https://community.itea3.org>. The credentials for the MyITEA account for the ITEA website – event registration, etc. – can also be used to access this restricted website. A MyITEA account can be created by clicking on ‘Register a new account’ on the homepage of the Community website. The e-mail address is used as a unique identification.

Specific access rights determine what is visible on these pages for each person. Depending on these rights the following data can be accessed:

- Project management and project documents – e.g. PO, FPP, progress reports and change requests;
- Evaluation and reviewing and all necessary documents – e.g. evaluation forms and review presentations;
- Meetings and binders;
- ITEA calendar;
- General ITEA information – e.g. guidelines, templates and corporate identity; and
- Contacts.

Appendix C

Glossary of terms

AICC	ARTEMIS-ITEA Cooperation Committee	SME	Small and Medium-sized Enterprise
API	Application Programming Interface	STG	(ITEA) Steering Board
ARTEMIS	Advanced Research and Technology for Embedded Intelligence and Systems	UNI	Universities
BIM	Building Information Modelling	QMS	Quality Management System
BMBF	(German) Federal Ministry of Education and Research	USP	Unique Selling Points
BMS	Building Management System	ISO country codes	
BSG	(ITEA) Board Support Group	AUT	Austria
DC	(ITEA) Directors Committee	BEL	Belgium
EIT	European Institute of Innovation and Technology	FIN	Finland
ERA	European Research Area	FRA	France
EU	European Commission	DEU	Germany
FPP	(ITEA) Full Project Proposal	ISR	Israel
GIS	Geographic Information Systems	ITA	Italy
GOV	Governmental bodies	NLD	Netherlands
HD	High Definition	NOR	Norway
HIG	(EUREKA) High Level Group	ESP	Spain
HPC	High-Performance Computing	SWE	Sweden
IA	Industry Association	TUR	Turkey
ICT	Information and Communication Technology	GBR	Great Britain
IEQ	Indoor Environmental Quality		
IFC	ITEA / ITEA 2 Founding Company		
IGIT	Image-Guided Intervention and Treatment		
IND	Industry		
IT	Information Technology		
ITAC	ITEA (Public) Authorities Committee		
ITEA	Information Technology for European Advancement		
JU	(ARTEMIS) Joint Undertaking		
KPI	Key Performance Indicator		
M2M	Machine-to-Machine		
NLP	Natural Language Processing		
NPC	(EUREKA) National Project Co-ordinator		
OTH	Others		
PA	Public Authority		
PCA	Project Cooperation Agreement		
PdC	Pôle de Compétitivité		
PO	(ITEA) Project Outline		
RES	Research Institutes		



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