

Communications, Dissemination support & Expectations

Loes van den Borne
Events Manager



ITEA 4

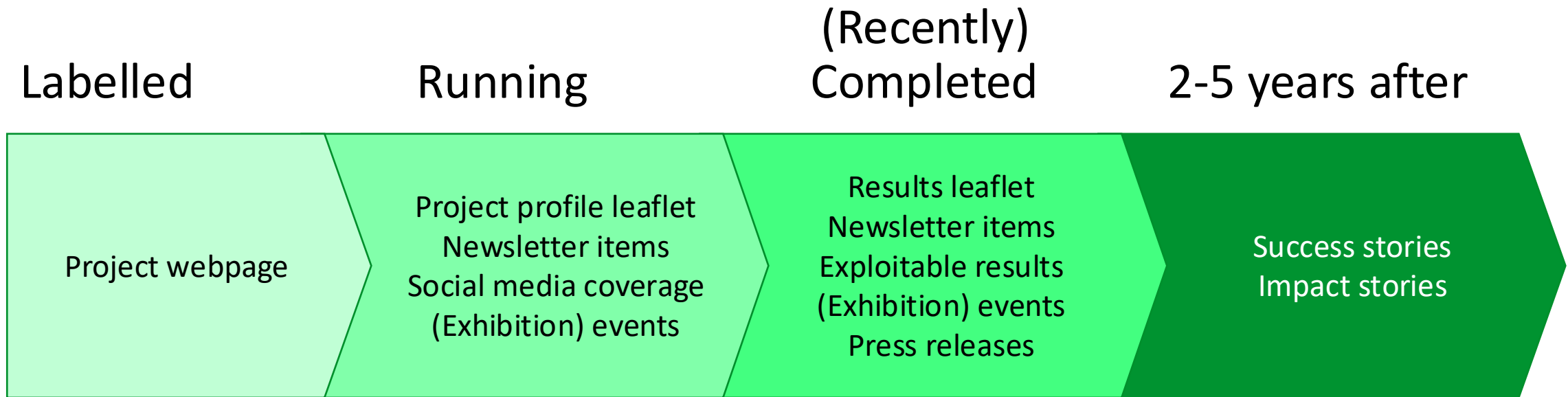
ITEA is the Eureka Cluster on software innovation



Communications, Dissemination & Events

- Timeline
- Promotion services and opportunities
- Expectations from ITEA projects

ITEA Project communications timeline



Communications handbook

- The [Communications handbook](#) gives a short overview of what kind of communications support the ITEA Office can offer and what is expected of an ITEA project

Promotion services and opportunities



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ITEA Communications

Promotion opportunities

The ITEA Office supports projects with the communication and dissemination of their project (results):

- Project webpage
- Project leaflets
- ITEA Newsletter
- Country page
- ITEA LinkedIn page
- Events

Project webpage

For each labelled project, the ITEA Office will create a webpage with:

- Project data
- Project leader info
- Consortium
- An extra tab for Project-related documents (once documents are available)

All ITEA project pages are gathered at <https://itea4.org/project-overview.html>

- ➔ If you create your own external ITEA project webpage, we can add it to your ITEA project page and promote it. In any case, make sure to:
- Add the ITEA logo with link to ITEA website
 - Add references to ITEA, Eureka and funders (see handbook and slide 53)



I2PANEMA

Intelligent IoT-based Port Artefacts
Communication, Administration & Maintenance



Project description

Digitalisation is still in its infancy in ports. I2PANEMA aims to deploy the power of IoT to improve port operations, making them more efficient and sustainable, paving the way towards networks of smart ports. Barriers like data security and the lack of integration of existing, heterogeneous IT systems are to be overcome. The requirements of the pilots are important stimuli for developing an IoT port reference architecture. The architectural findings are planned to be contributed to standardisation bodies such as Industry 4.0 RAMI.

Partners Documents





Project leader



Franz-Josef Stewing
Materna Information & Communications SE, Germany



Germany

 <p>Bayernhafen TriCon Container-Terminal Nürnberg GmbH Germany</p>	 <p>catkin GmbH Germany</p>	 <p>DeltaPort GmbH & Co. KG Germany</p>	 <p>Dortmunder Stadtwerke AG Germany</p>
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Partners Documents

Project publications

I2PANEMA Project results leaflet
★ Project Leaflet 20 May 2022 Download

ITEA at Smart City Expo 2019
Magazine article Issue 35 (March 2020) Download

By and for end-users
Magazine article Issue 40 (November 2021) Download

ITEA I2PANEMA Exploitable Results by Third Parties
★ Exploitable Results 20 June 2022

20 years of ITEA impact - bound by enablers: people and innovations
News item 20 December 2018

Twelve ITEA projects showcased at Smart City Expo World Congress
News item 22 November 2019

Project video



ITEA Project leaflets

During the project lifecycle the ITEA Office will produce a:

- **Project profile leaflet**

As soon as the project has officially started, a Project profile leaflet will be created by our copywriter based on the Full project proposal

- **Project results leaflet**

Within a month after completion of the project, a Project results leaflet will be created. Next to information from the final review, input will also be provided by the project leader/consortium

We can send you the print files, so you can print them the events you attend

ITEA Project leaflets

ITEA4

Project Profile

EFICAS

Finding the balance between AI performance and power consumption

The AI Call 2020 project EFICAS (Energy Efficient Heterogeneous AI-Framework for Smart Mobile and Embedded Systems) will create a software solution which can run on heterogeneous computation environments. This will uncover the right balance between performance and energy efficiency for AI algorithms in various domains.

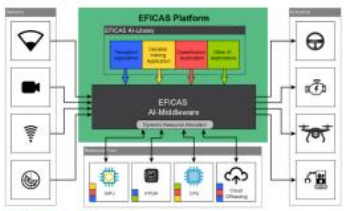
Addressing the challenge
AI can enable greater performance in domains such as mobility and automation but is not power-efficient. As the increased functional complexity of mobile and autonomous applications increases power demands on embedded platforms, the computational load is raised; AI-driven concepts therefore necessitate lower energy consumption. Although various parties are competing to achieve this, the results are dedicated solutions with special market participation. Instead of focusing on improved AI performance, there is an enormous need for greater resource efficiency for available AI frameworks and algorithms.

Proposed solutions
EFICAS will create an AI-driven software framework that merges heterogeneous technologies via a cognitive, power-sensitive middleware which utilises performance and consumption markers at runtime. By dynamically assigning tasks to the best-suited architecture (based on timing and geographical constraints), this will create an optimal trade-off between performance and energy consumption. This framework will also include a library of functions and services to motivate the adoption of a variety of AI/ML methodologies and algorithms.

EFICAS capitalizes on the fact that Central Processing Units (CPUs) are flexible but work sequentially, Graphics Processing Units (GPUs) are less flexible but work in parallel, and dedicated accelerators such as Field Programmable Gate Arrays (FPGAs) have little flexibility but combine high parallelism and execution speed. The use of heterogeneous architectures can thus offer advantages over monolithic architectures based solely on FPGAs or GPUs.

Overall, the EFICAS middleware's performance/energy consumption trade-off gain is expected to be up to 15%. This translates, for instance, into 12.5 hours more operating time for autonomous mobile robots or an 11% greater range for autonomous agricultural vehicles. As

30-100% energy savings. For high computational load, 40 GFLOPS/W can be reached with 20-60% energy savings. In addition, the implementation time for ML algorithms with the EFICAS framework will be approximately the same as with monolithic platforms.

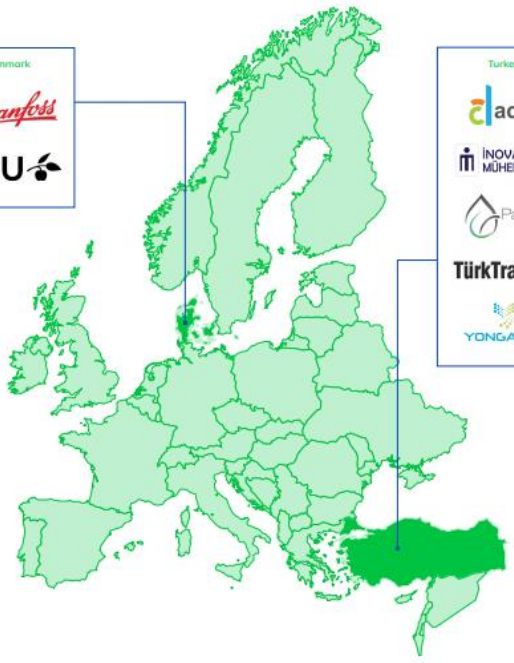


Projected results and impact
EFICAS's energy efficiency will be measured in floating point operations per second (FLOPS/W) against a baseline of 10-20 GFLOPS/W for a GPU-based solution. In a low computational load scenario combining FPGA and GPU, 25 GFLOPS/W can be achieved with

the GPU market will reach USD 157.1 billion in 2022 (a compound annual growth of 35.6% since 2016) and the FPGA market will hit USD 9.5 billion in 2023 (more than double the 2015 value). EFICAS offers a golden opportunity to establish a position in these rapidly growing domains as well as the emerging market that combines them.

Project partners

EFICAS 20229



Denmark

- Danfoss
- SDU

Turkey

- ilacd
- INOVASYON MÜHENDİSLİK
- Patika
- TürkTraktör
- YONGATEK

Project start
September 2021

Project end
August 2024

Project leader
Hakan Mencek, Türk Traktör

Project email
hakan.mencek@turktraktor.com.tr

Project website
<https://itea4.org/project/eficas.html>

ITEA is the Eureka R&DI Cluster on software innovation, enabling a large international community of large industry, SMEs, start-ups, academia and customer organisations, to collaborate in funded projects that turn innovative ideas into new businesses, jobs, economic growth and benefits for society. ITEA is part of the Eureka Clusters Programme (ECP).

<https://itea4.org>

ITEA4

eureka

ITEA Newsletter

5 to 6 times per year, the ITEA Office sends a newsletter to the ITEA Community subscribers (approx. 8,500)

- Projects can provide input for this newsletter throughout the year:
 - A news item can cover subjects dealing with your ITEA project, that go beyond the project description
 - You can think of important developments regarding project results (exploitation, standardisation, dissemination) or events
 - A supporting (preferably non-technical) short video is highly appreciated
 - News items also shared in 'News' section of the ITEA website (<https://itea4.org/news-overview.html>) and on ITEA's LinkedIn page

ITEA Newsletter and news overview



Linda van den Borne-Toupet Community Office ITEA is the Eureka Cluster on software innovation

Project Calls & Funding Projects Impact & Publications News & Events About ITEA

Search...

News & Events / News overview

News

Year Project Category

Search

Search Reset



Published on 26 Mar 2023
Recording of the session 'Co-innovate with/for Swedish partners in ITEA' online now



Published on 10 Mar 2023
Saving time in the clinical workflow thanks to AI



Published on 09 Mar 2023
Türkiye takes over the Chairmanship of Eureka 2023/2024



Published on 20 Feb 2023
Co-funding for Basque companies available via Hazitek 2023 programme

News & Events / News overview / Saving time in the clinical workflow thanks to AI

Published on 10 Mar 2023

Saving time in the clinical workflow thanks to AI

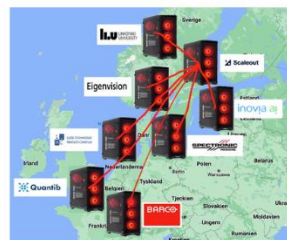
Deep learning is currently revolutionising many research fields and can be used in health care to save a substantial amount of time in the clinical workflows. One example is radiotherapy treatment planning which requires 1) segmentation of the tumour to be killed by radiation, 2) segmentation of risk organs which should receive as little radiation as possible, and 3) generation of an optimal treatment plan from these segmentations. Deep learning can be used to save time, e.g. 10 – 60 minutes, in each of these steps. However, large, annotated datasets are required to train the complex AI models which usually contain millions of parameters.

In medical imaging, sharing sensitive data between hospitals is difficult due to ethics and regulations like GDPR. In addition, the number of patients with a rare disease in a specific city may be low. One way to enable large datasets in medical imaging is to train the AI models using federated learning, where the data stays at each hospital. In federated learning a powerful computer at each hospital uses the local image data to train the AI model (such as a segmentation network), and the computer at each hospital sends the updated local AI model to a combiner. The combiner aggregates the updates from each hospital and sends out a new global AI model to all hospitals from which the training continues.

In the ASSIST project, several partners in Sweden, the Netherlands and Belgium collaborated to train a brain tumour segmentation network using Swedish SME Scaleout's FEDn framework for federated learning. The combiner was located in Uppsala, Sweden. Each partner used a unique part of an open dataset (BraTS) containing brain tumour images and annotations of each tumour. Future plans include improving the aggregation function, as well as using local radiotherapy treatment planning data from different cities.

More information

<https://itea4.org/project/assist.html>



ITEA Newsletter #33 | October, 2022

ITEA 4 is the Eureka Cluster on software innovation

ITEA Newsletter



News by and for the ITEA Community

We are happy to share with you our latest Newsletter created by and for the ITEA Community. In this edition you will find news about the ITEA PO Days 2022 and how you can still join an ITEA Call 2022 project. Be inspired by the award winning projects and learn more about the Smart City Advisory Board and ways to promote your Smart city solution. If you wish to feature in our next edition, submit your news via communications@itea4.org



PO Days 2022 - finally back together!

ITEA Call 2022 was launched on 13 September during the ITEA PO Days in Helsinki. We were happy to finally get back together again with the ITEA Community after two years of meeting online. To celebrate this occasion, the PO Days were followed by an ITEA Family reunion, combining inspiring sessions with the long-awaited chance to socialise.

[Read more](#)

ITEA Award of Excellence winners

In Helsinki, ITEA awarded four projects for their impressive results with great benefits for industry and society: [CyberFactory](#) (award for Business Impact), [MOSIS](#) (award for Innovation), [EUREKA](#) (award for Standardisation) and [GEMINI](#) (award for "Exceptional excellence" for outstanding results in all three categories). Congratulations!

[Read more](#)



Join (one of the new ITEA Project Outlines for) ITEA Call 2022

For the ITEA PO Days in Helsinki, 42 new project ideas were submitted in the ITEA Call 2022 project idea tool and consortia already started to take form. Today, ITEA Call 2022 for projects is open and several project leaders are still looking for specific partners and/or expertise to complete their consortium. We have summarised their requests on our website. Make use of this opportunity to join one of these Project Outlines and become part of ITEA Call 2022. If you have an innovative idea, which does not fit current proposals, you can also submit your own Project Outline in ITEA Call 2022. Deadline for PO submissions: 15 November 2022 - 17:00 CET.

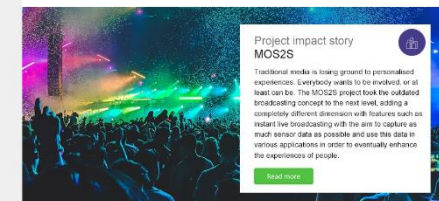
[View requests](#)



New and renewed funding opportunities in France, Singapore and the UK

We are happy to share with you that several countries have (re)committed themselves to providing funding support for ITEA Call 2022. France and the UK have renewed their funding support for ITEA Call 2022. Singapore, relatively new to the ITEA Community, started its participation in ITEA with a project in the Eureka Clusters AI Call 2020 and ITEA Call 2021. This year, Enterprise Singapore has funding support available for Singapore companies that want to join in ITEA Call 2022. We invite you to learn more about the funding opportunities in these three countries.

[Read more](#)



Promote your Smart city-related products and services to city representatives

Country page

- Gathers (automatically) all country-related information and publications
- Shows the impact (and results of) projects and partners of a country

Austria in ITEA

38 projects, 41 partners, 303 person-years, 5 impact stories, 27.7 M€ investment

The Austrian Research Promotion Agency (FFG) is the national funding agency for industrial research and development in Austria. Research, development and innovation are central drivers for economic, technological and social development, and about 50% of FFG funding goes to projects with a strong focus on digitalisation. FFG supports instruments like ITEA to boost progress in Austria on the premier flat business. Flat enables research to grow faster, achieve higher export rates and create more employment than those who don't.

On this webpage, you will find an overview of activities and publications of Austria in ITEA. It provides valuable insights into the potential benefits of participating in an ITEA project and whether ITEA could be a fit for your organisation. You can also find information regarding the funding opportunities and the national funding contact details.

Impact stories with Austrian participation

Impact is one of the main missions in ITEA. Impact on business, on the market, on society. This is key value in ITEA, and impact and potential impact are central during the project lifecycle in impact evaluation, monitoring, closure and in communication of the results. With the research support of national Public Authorities, many ITEA projects have achieved incredible results, which are gathered in ITEA Impact stories.

Statements from Austrian partners

“ ITEA is certainly an environment to be in if you want to be innovative in the software domain. And we have learned a lot from being together with different partners, from software to hardware and from researchers to suppliers.”
- SparxSystems Software GmbH

“ Since its foundation, IT-W has been involved in publicly funded research projects around every two or three years, but this experience with ITEA was quite unlike the previous participations. The advantage is that you're meeting people from all over Europe, which leads to better networking and, ultimately, more chances and opportunities.”
- IT-W Mediatechnik.

ITEA award-winning projects with Austrian participation

ITEA 3 Gd 3: ITEA Award of Excellence 2023: Standardisation
VMAP: A new Interface Standard for Integrated Virtual Model Handling in Manufacturing Industry

ITEA 3 Gd 1: ITEA Award of Excellence 2019: Manufacturing
ACOSAR: Advanced Co-simulation Open System Architecture

ITEA 2 Gd 1: ITEA Award of Excellence 2016: Business Impact and Standardisation
SAFE: Safe Automation of Software Architecture

ITEA projects with Austrian participation

ITEA 3 Gd 3: ITEA Award of Excellence 2023: Standardisation
VMAP: A new Interface Standard for Integrated Virtual Model Handling in Manufacturing Industry

ITEA 3 Gd 1: ITEA Award of Excellence 2019: Manufacturing
ACOSAR: Advanced Co-simulation Open System Architecture

ITEA 2 Gd 1: ITEA Award of Excellence 2016: Business Impact and Standardisation
SAFE: Safe Automation of Software Architecture

Project partners from Austria

AVL List GmbH, Wipac, Infineon, PHILIPS, SparxSystems Software GmbH, 4i engineering GmbH, NXRT, virtual vehicle, WU Vienna, University of Innsbruck, JKU

Latest ITEA news including Austria

B2B DAYS (published on 18 Apr 2023)
B2B DAYS (published on 18 Apr 2023)
AAIC (published on 28 May 2022)

ITEA magazine articles with Austrian contributions

Country Focus: Austria (ITEA Magazine #12, Mar 2014)
ITEA Success story: ACOSAR (ITEA Magazine #33, Jul 2018)
Country Focus: Austria (ITEA Magazine #31, May 2020)

Funding information for Austria

Michael Walch, Austria Research Promotions Agency

ITEA PO Days 2023
Welcome to the country of Austria!

ITEA's LinkedIn page

- News items are also promoted on ITEA's LinkedIn page
 - Project-related news
 - Relevant events
 - Human interest stories
 - Project review updates
- ITEA Newsletter >> LinkedIn Newsletter
- Follow us:
<https://www.linkedin.com/company/itea4/>

ITEA 4
3,470 followers
1w · 5

Channel of communication to strengthen the bond between patients and doctors
End user happiness story: SYMPHONY

Patients with health questions often face unreliable online information and long waiting times for professional care, which delays access to appropriate treatment.

Within the SYMPHONY project, Spanish partner **AICRUMIT S.L.** developed **CareMe**, a comprehensive telemedicine platform designed to strengthen communication and trust between patients and healthcare professionals.

Patients can securely access appointments, medication schedules, care plans, and medical records, while healthcare providers can remotely monitor patients, personalise treatments, and follow up on patient progress. CareMe makes healthcare more accessible, proactive, and connected, empowering patients to take control of their health while supporting professionals with advanced digital tools.

The applications are available on Google Play and Apple Store in Spain via: <https://caremeathome.com/>

Read more: <https://lnkd.in/eMgxzteU>

This development of Aicrum in the ITEA project SYMPHONY is supported by CDTI Innovación - Centro para el Desarrollo Tecnológico y la Innovación.

#DigitalHealth #PatientEngagement #HealthTech

Tonny Velin, Ángel Jose Torrecillas Sánchez, Saurav Baidya, Juana Sanchez

CareMe
at home
Interoperable with existing healthcare systems

Doctor	Communication	Patient
Remote patient monitoring	↔	Appointments
Customized questionnaires	↔	Medication schedules
Disease-specific guidance	↔	Care plan
Appointment management	↔	Medical records
	↔	Medication and healthy lifestyle



Exhibition events

- To showcase results so far to:
 - Public Authorities
 - Potential customers
 - (Potential) Community members
- Project (poster) exhibition or shared (thematic) pavilion
- ITEA Office can provide:
 - Posters
 - Leaflets
 - Presentation template
 - Project video reels



Expectations from ITEA projects



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Reference to ITEA

- Projects receive public support and therefore clear references to Eureka, ITEA and funding authorities must be made in all project-related publications / websites / promotion:
 - **Textual:**
 - The ITEA project ...
 - ITEA is the Eureka Cluster for software and systems innovation
 - This project is funded by ...
 - **Visual:**
 - Adding [logos](#) + links to websites whenever possible
 - ITEA [templates](#) are available for presentations
- **LinkedIn:** mention of @ITEA 4

Share your communication with us for extended reach:
communications@itea4.org

Required project support / participation

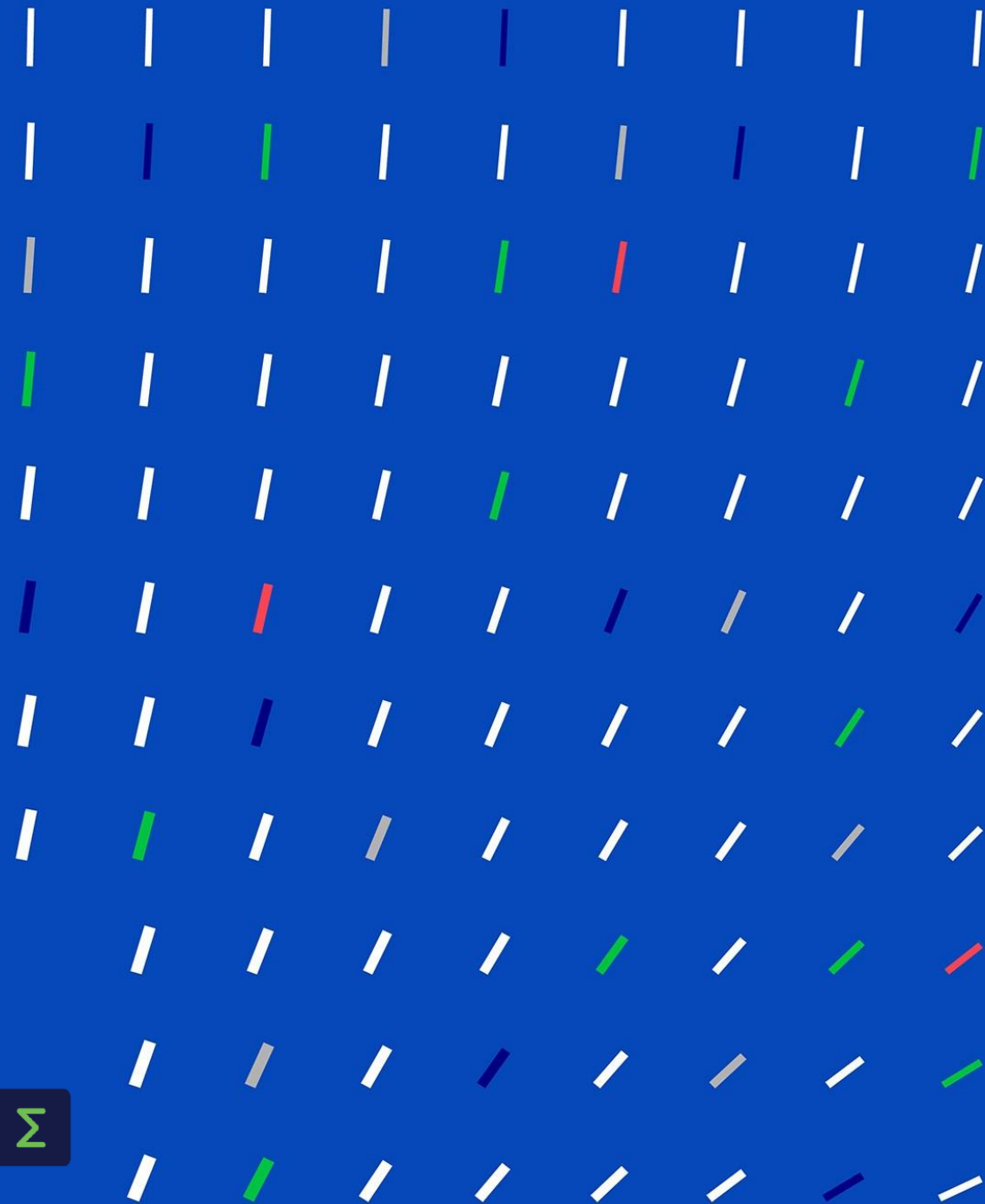
To promote ITEA and the ITEA projects support from ITEA partners is still required for:

- **Result leaflet right after project end:**
 - Input via interview and/or mail
- **Project (poster) exhibition or shared (thematic) pavilion during or within 1 year after project end:**
 - Onsite presence
 - Input promotional material e.g. poster, video, leaflet
 - *Sometimes an additional cost can apply e.g. for participation at large external events / fairs*
- **Success/Impact story ~2-3 years after project end:**
 - Update on status results via interview and/or by mail

Contact



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Contact details

- If you have any further questions, do not hesitate to contact the ITEA Communications & Events team:
- Email: communications@itea4.org
- Linda van den Borne-Toupet: linda.van.den.borne@itea4.org
- Loes van den Borne: loes.van.den.borne@itea4.org
- Diana Verdoes: diana.verdoes@itea4.org