

BELGISCHE KAMER VAN
VOLKSVERTEGENWOORDIGERS

CHAMBRE DES REPRÉSENTANTS
DE BELGIQUE

30 september 2026

30 septembre 2026

**GEDACHTEWISSELING
VAN 29 SEPTEMBER 2026
MET EEN DELEGATIE
VAN DE FINSE VERENIGING
TUTKAS, IN AANWEZIGHEID
VAN VERTEGENWOORDIGERS
VAN BELSPO EN DE KONINKLIJKE
ACADEMIËN**

**ÉCHANGE DE VUES
DU 29 SEPTEMBRE 2026
AVEC UNE DÉLÉGATION
DE L'ASSOCIATION
FINLANDAISE TUTKAS,
EN PRÉSENCE
DE REPRÉSENTANTS DE BELSPO ET
DES ACADÉMIES ROYALES**

**Digitaal verslag van het adviescomité
voor Wetenschappelijke en Technologische
Vraagstukken**

(art. 32 Rgt. *juncto* art. 178bis Rgt.)

**Compte rendu numérique de la réunion
du comité d'avis des Questions scientifiques
et technologiques**

(art. 32 Rgt. *juncto* art. 178bis Rgt.)

**Samenstelling van de commissie op de datum van indiening van het verslag/
Composition de la commission à la date de dépôt du rapport**

Voorzitter/Président: Steven Coenegrachts

A. — Vaste leden / Titulaires:

N-VA	Michael Freilich, Frieda Gijbels, Bert Wollants
VB	Dieter Keuten, Kurt Moons
MR	Daniel Bacquellaine, Vincent Scourneau
PS	Hugues Bayet, Dimitri Legasse
PVDA-PTB	Kemal Bilmez
Les Engagés	Serge Hilgsmann
Vooruit	Nele Daenen
cd&v	Phaedra Van Keymolen
Ecolo-Groen	Jeroen Van Lysebettens
Anders.	Steven Coenegrachts

B. — Plaatsvervangers / Suppléants:

Jeroen Bergers, Dorien Cuylaerts, Maaïke De Vreese, Lieve Truyma
Britt Huybrechts, Reccino Van Lommel, Lode Vereeck
Anthony Dufrane, Gilles Foret, Mathieu Michel
Lydia Mutyebele Ngoi, Patrick Prévot, Sophie Thémont
Roberto D'Amico, Robin Tonniau
Isabelle Hansez, Ismaël Nuino
N., Oskar Seuntjens
Steven Matheï, Koen Van den Heuvel
N., Rajae Maouane
Irina De Knop, Kjell Vander Elst

N-VA	: Nieuw-Vlaamse Alliantie
VB	: Vlaams Belang
MR	: Mouvement Réformateur
PS	: Parti Socialiste
PVDA-PTB	: Partij van de Arbeid van België – Parti du Travail de Belgique
Les Engagés	: Les Engagés
Vooruit	: Vooruit
cd&v	: Christen-Democratisch en Vlaams
Ecolo-Groen	: Ecologistes Confédérés pour l'organisation de luttes originales – Groen
Anders.	: Anders.
DéFI	: Démocrate Fédéraliste Indépendant
ONAFH/INDÉP	: Onafhankelijk-Indépendant

Afkorting bij de nummering van de publicaties:		Abréviations dans la numérotation des publications:	
DOC 56 0000/000	Parlementair document van de 56 ^e zittingsperiode + basisnummer en volgnummer	DOC 56 0000/000	Document de la 56 ^e législature, suivi du numéro de base et numéro de suivi
QRVA	Schriftelijke Vragen en Antwoorden	QRVA	Questions et Réponses écrites
CRIV	Voorlopige versie van het Integraal Verslag	CRIV	Version provisoire du Compte Rendu Intégral
CRABV	Beknopt Verslag	CRABV	Compte Rendu Analytique
CRIV	Integraal Verslag, met links het definitieve integraal verslag en rechts het vertaalde beknopt verslag van de toezpraken (met de bijlagen)	CRIV	Compte Rendu Intégral, avec, à gauche, le compte rendu intégral et, à droite, le compte rendu analytique traduit des interventions (avec les annexes)
PLEN	Plenum	PLEN	Séance plénière
COM	Commissievergadering	COM	Réunion de commission
MOT	Moties tot besluit van interpellaties (beigekleurig papier)	MOT	Motions déposées en conclusion d'interpellations (papier beige)

Tijdens zijn vergadering van 29 september 2026 heeft in het adviescomité een gedachtewisseling plaatsgevonden met een delegatie van de Finse vereniging TUTKAS, in aanwezigheid van vertegenwoordigers van BELSPO en de Koninklijke Academiën.

De gedachtewisseling stond in het teken van de wisselwerking tussen onderzoekers en volksvertegenwoordigers en de inbreng van wetenschappelijke expertise in beleids- en wetgevingsprocessen, alsook van artificiële intelligentie.

Namen tijdens deze gedachtewisseling het woord:

— de dames Frieda Gijbels (N-VA) en Anja Vanrobaeys (Vooruit) en de heren Dieter Keuten (VB), Serge Hiligsmann (Les Engagés) en Steven Coenegrachts (Anders.);

— professor Miia Halme-Tuomisaari (Universiteit van Lund), mevrouw Mari Holopainen (Eduskunta – Fins Parlement) en de heer Esa Hämäläinen (Universiteit van Helsinki);

— namens BELSPO, de heren Frank Monteny (algemeen directeur Onderzoek en Ruimtevaart) en Aziz Naji (verantwoordelijke onderzoeksprogramma's Science4Policy - Post-COVID);

— namens de Jonge Academie, professor Sven Rogge (UGent);

— namens de *Académie royale des sciences, des lettres et des beaux-arts de Belgique*, de professoren Hugues Bersini (ULB) en Benoît Macq (UCLouvain).

Met toepassing van artikel 32 *jo.* artikel 178*bis* van het Kamerreglement wordt van deze vergadering een digitaal verslag opgesteld. Dit verslag kan worden geraadpleegd op de website van de Kamer:

<https://media.dekamer.be/meeting/56-020247-U2048>

Bijlagen:

1. presentatie van de heren Monteny en Naji
2. presentatie van prof. Rogge
3. presentatie van prof. Macq

Lors de sa réunion du 29 septembre 2026, le comité d'avis des Questions scientifiques et technologiques a procédé à un échange de vues avec une délégation de l'association finlandaise TUTKAS, en présence de représentants de BELSPO et des Académies royales.

L'échange de vues a porté sur l'interaction entre les chercheurs et les parlementaires et l'apport de l'expertise scientifique aux processus d'élaboration des politiques publiques, ainsi que sur l'intelligence artificielle.

Ont pris la parole lors de cet échange de vues:

— Mmes Frieda Gijbels (N-VA) et Anja Vanrobaeys (Vooruit), ainsi que MM. Dieter Keuten (VB), Serge Hiligsmann (Les Engagés) et Steven Coenegrachts (Anders.);

— la professeure Miia Halme-Tuomisaari (Université de Lund), Mme Mari Holopainen (Eduskunta, Parlement finlandais) et M. Esa Hämäläinen (Université d'Helsinki);

— pour BELSPO, MM. Frank Monteny (directeur général Recherche et Espace) et Aziz Naji (responsable des programmes de recherche Science4Policy - Post-COVID);

— pour la *Jonge Academie*, le professeur Sven Rogge (UGent);

— pour l'*Académie royale des sciences, des lettres et des beaux-arts de Belgique*, les professeurs Hugues Bersini (ULB) et Benoît Macq (UCLouvain).

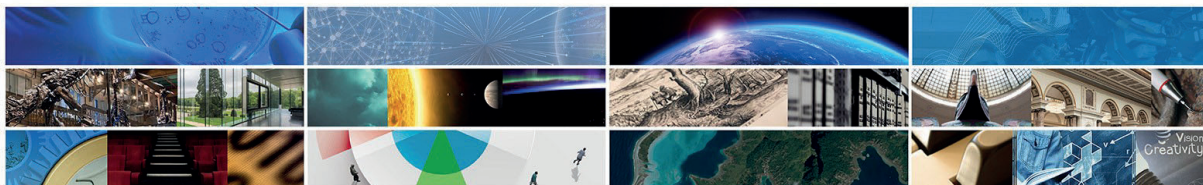
En application de l'article 32 *jo.* article 178*bis* du Règlement de la Chambre, un compte rendu numérique de cette réunion est établi. Celui-ci peut être consulté sur le site internet de la Chambre:

<https://media.lachambre.be/meeting/56-020247-U2048>

Annexes:

1. présentation de MM. Monteny et Naji
2. présentation du professeur Rogge
3. présentation du professeur Macq

The Belgian federal Science Policy Office (BELSPO)



Meeting with the Finnish Tutkas network

Frank Monteny, DG Research and Space
Aziz Naji, Policy Officer-Science4Policy

29/09/2026 – Brussels



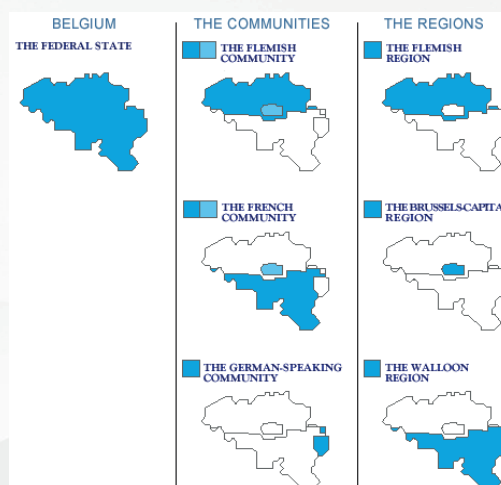
The Belgian R& I system: organisation model

Fiscal policy for R&D,
international cooperation,
Patents, R&D programmes

Research in
universities

R&D and
innovation in
enterprises

- The federal authority: competencies which are *not exclusively assigned* to the federated entities (economic affairs, social affairs), as well as a number of *specific domains* (justice, defence, ..) and a number of framework conditions for competencies of the federated entities).
- Communities: matters linked to *people* (culture, media, health policy, science and education)
- Regions: issues related to the *territory* (energy policy, agriculture, public works, environment, and economic support).



No hierarchy between levels



BELSPPO : mission

Preparation, execution &
evaluation of the federal science policy on behalf of the
government
In support of the competences of the federal authorities

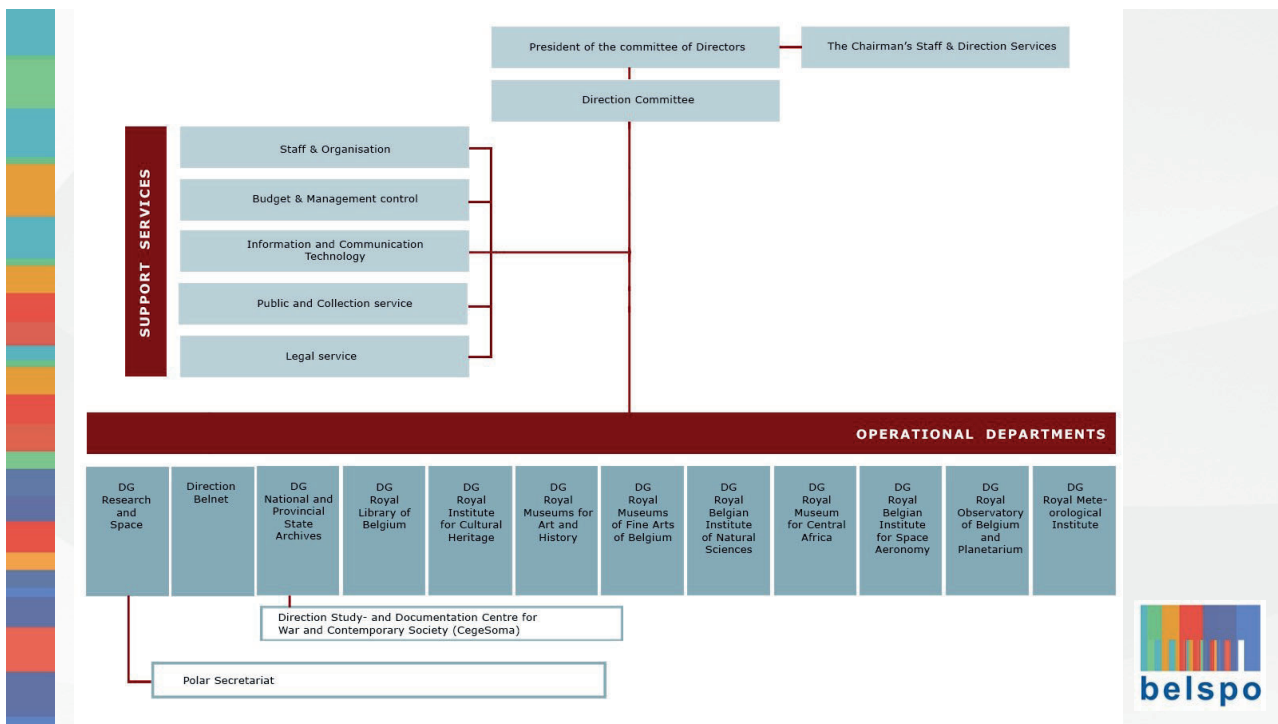


BELSPO : competences

- Deploy research programmes in support of the competences of the government, in a context of international agreements, *or requiring a homogenous approach in an (inter)national context*
- Funding of space research in an international context (ESA,...)
- Deploy and manage networks for data exchange on a (inter)national level
- Funding and support of 10 Federal Scientific Institutions (FSI)
- *Inventory of the STI potential of the country (STI indicators)*
- *Support the Belgian participation in activities of international research bodies*

[Paragraph 2 article 6bis Special Law 1980]





Evidence Informed Policy Making (1) Science For Policy (S4P) programmes

- **S4Policy program** (2024-2031) funds scientific work that support policy needs expressed by federal administrations and/or government
- These policy needs are either:
 - Knowledge gaps that require scientific evidence to inform policies (topics)
 - Needs for scientific support in capacity building
- Funding of a project based on a co-funding scheme : max 90% Belspo/Min. 10% Administration (in practice 70/30)
- Program reinforces crucial links between policymaking and academia
- Program plays therefore an important role in the federal **EIPM-ecosystem** (see also report by the **OECD** on the federal EIPM ecosystem in Belgium)
- Examples: monitoring specific groups in the blind spot during covid – informing on impact of AI on the labour market – downscaling planetary boundaries to Belgium – creating a monitoring system of circular economy – informing on the health and societal impact of online gambling -...



Evidence Informed Policy Making (2) Federal Council for Science Policy

- Federal advisory body on science and research policy, supported by a secretariat provided by BELSPO:
 - Advises the Federal Government on research priorities related to federal responsibilities and international commitments
 - Issues opinions and recommendations for Belgium as a whole, at the request of federal, community or regional authorities.
- Members represent the research community and socio-economic stakeholders, with attention to diversity in terms of gender, career stage, discipline and experience in science outreach.
- Has provided advice for major research initiatives, such as MYRRHA and the Einstein Telescope.

Website : https://www.belspo.be/belspo/coordination/council_en.stm



Evidence Informed Policy Making (3) Open Science

- Current revision of federal Open Science mandates
 - Broader scope of “research-based outputs” including research reports and datasets useful for decision making
 - Involving not only FSIs but all federal producers of research-based knowledge
- Update of the federal Open Access repository to make research-based outputs findable, accessible, interoperable and re-usable not only by scientists, but also by decision makers and citizens!



AI: Be-AIFA (1)

- Belgium's national gateway to the European network of AI Factories (LUMI in Finland).
- Provides companies, public administrations and (federal) research organisations with access to AI-optimised supercomputing, data and technical expertise.
- Helps SMEs and start-ups develop, test and scale AI applications.
- Strengthens collaboration between Belgian industry, research and public authorities.
- Offers training and capacity-building to develop AI skills.
- Supports trustworthy, human-centred AI and contributes to Belgian and European technological sovereignty.



AI: Be-AIFA (2)

- Continuation of a successful collaboration initiated in 2021 with **LUMI**, the **EuroHPC** JU's pan-European pre-exascale supercomputer located in Kajaani.
- **LUMI** is the ninth fastest computer in the world
- Belgium is the biggest contributor after the host Finland
- The **Royal Meteorological Institute (RMI)** has recently been granted use for specific AI training programmes in support of the international Destination Earth project.



AI and STI policymaking

- BELSPO contributes to numerous research projects concerning the use of machine learning algorithms to analyse documents, textual data or websites
 - AI provides new ways to analyse research proposals submitted for public funding, scientific articles, and descriptions of industrial research projects and programmes.
 - In the past, analysing large amounts of documents was a tedious, if not impossible task.
 - Neural networks, natural language processing algorithms and vector representations can perform these tasks at an ever-increasing speed.
 - AI can perform lexical and semantic analyses that simulate human cognitive capabilities.
 - Whereas search algorithms were previously limited to keyword exploration, LLMs and small-scale neural networks can now explore the broader content of a document and the underlying message or ideas.



Lessons from the Belgian Presidency 2024 conference #StrongerTogether: SSAH and the future of evidence-informed policymaking

- Collaborative ecosystems: Create regular platforms for SSAH and STEM experts, policymakers and stakeholders to co-create policy solutions.
- Capacity building: Develop interdisciplinary SSAH–STEM curricula and training for researchers and policymakers, including science and policy literacy.
- Recognition and incentives: Value policy engagement in SSAH careers and support SSAH-inclusive funding, grants and awards.
- Monitoring and funding: Use mixed-method approaches to assess SSAH integration and strengthen interdisciplinary funding in European research programmes.
- Openness and trust: Promote transparent, accessible policy evidence and public engagement, while clearly distinguishing scientific evidence from political or societal values.



Lessons from the Belgian Presidency 2024 conference #StrongerTogether: SSAH and the future of evidence-informed policymaking (2)

- Building an European integrated **EIPM** ecosystem requires sustained commitment, courage and an open mindset from all stakeholders, not (only) additional funding.
- Conference report accessible on [Brief -Conference StrongerTogether: SSAH and the future of evidence-informed policymaking_2025](#)





COMITÉ D'AVIS POUR LES QUESTIONS SCIENTIFIQUES ET TECHNOLOGIQUES

ADVIESCOMITÉ VOOR WETENSCHAPPELIJKE EN TECHNOLOGISCHE VRAAGSTUKKEN

September 29th, 2026

Sven Rogge, co-president Young Academy of Belgium–Flanders

YOUNG ACADEMY OF BELGIUM–FLANDERS?

The Young Academy is a **dynamic think tank**
that contributes to a **resilient and caring society**
through innovative ideas, scientific knowledge, and artistic imagination.

We inspire and strengthen the connection and critical dialogue
between **science, arts, policy, and society**.

As an **independent and motivated group**
of excellent scientists and artists
we strive to realise this ambition
across the boundaries of disciplines and knowledge institutions.

SCIENCE-POLICY INTERACTIONS



Dialogue session:
science-policy
interaction
March 13th, 2024

SCIENCE MEETS PARLIAMENT

a proven dialogue starter
fourth edition in 2027
(after 2020, 2023, and 2025)

one-to-one matching

20 MPs
(Flemish, Brussels,
Federal, European)

+

20 scientists



SCIENCE
MEETS
PARLIAMENT

Now more than ever,
complex policy
challenges need
scientific knowledge.
Yet, science and
politics are growing
more and more apart,
while the synergy
between both is crucial
for good solutions

promoting science-policy
interactions

one day in parliament
one day in the lab
collective network event

more info & deadlines

[www.sciencemeets
parliament.be](http://www.sciencemeetsparliament.be)
call opens Oct 5th



COMITÉ D'AVIS POUR LES QUESTIONS
SCIENTIFIQUES ET TECHNOLOGIQUES

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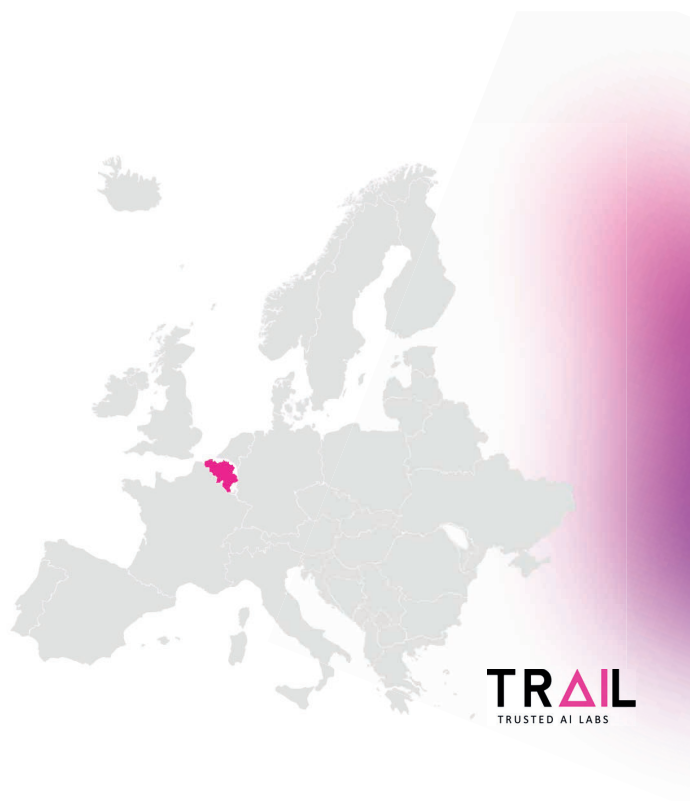
01

who are we ?

TRAIL is a Belgium's French-speaking research and business community in artificial intelligence !

our mission

To develop a trusted approach to artificial intelligence so that it may be a major transformation opportunity for our societies and the sustainable well-being of citizens.



Initiative d'Innovation Stratégie (IIS)



TRAIL was selected by the Walloon Government as one of the 19 initiatives that will inspire the **innovation** and **industrial** policies for the period 2022-2027.

TRAIL
TRUSTED AI LABS

102 key figures



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05

5 research domains

human-AI interactions

Human and AI in the loop, Explainable AI, learning from few, partial and imperfect annotations

mode-driven AI

Physics-informed ML, Digital twins, Causal reasoning, Exploiting simulators, Bio-inspired AI

legal and ethical implications AI

Legal and ethical questions, usability and trustworthiness



trusted AI

Federated learning, Robustness, Trustworthiness

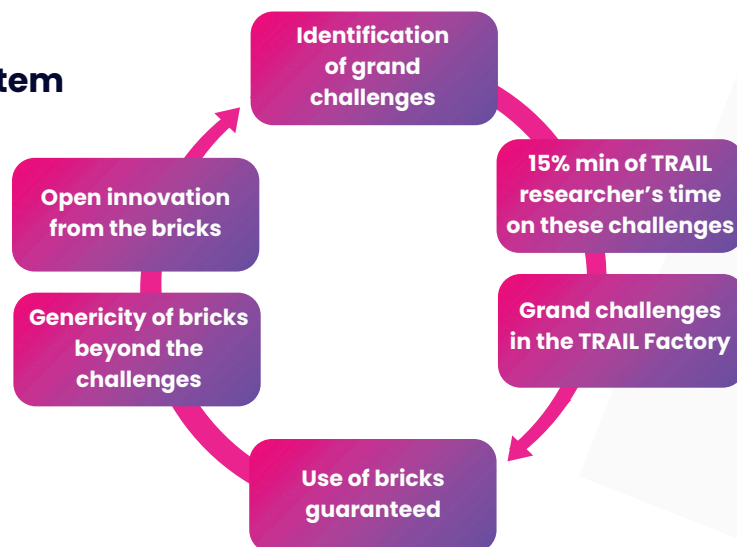
embedded AI

Transfer & multi-modal learning, Edge and green AI, Self-supervised learning, Life-long learning

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06

our ecosystem



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07

8 grand challenges

1. Hybrid Modelling Methods towards an Augmented Engineering: The Use Case of AI-enabled Additive Manufacturing (CENAERO)
2. Machine Learning-based Energy Prediction, Management, and Optimisation Towards @ Energy Decision-Making Process (CENAERO)
3. Full-Spectrum Privacy-Preserving Artificial Intelligence (e.g., inter-hospitals AI) (CETIC)
4. Learning for Optimizing (Metaheuristics and Machine Learning for Combinatorial Optimization) (CETIC)
5. Weakly-Supervised Machine Learning, Towards a More General AI (Multitel)
6. Trustworthy AI for Critical Systems (Multitel)
7. Interactions with State-of-the-Art AI to reach Zero-Defect, Zero-Accident, and Zero-Burnout in a Production Environment (SIRRIS)
8. Using Advanced AI Solutions to Achieve "First Time Right" and "Consistent Product Quality" Throughout the Product Development and Manufacturing Cycle (SIRRIS)

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08

Sharing results & facilitating their adoption

the TRAIL Factory

A digital platform connected to the Walloon AI ecosystem and interlinked with existing platforms ([scikit learn](#), [ai4europe](#)...)



- A "Marketplace" for easy sharing of documented results (code, databases, expertise, etc.)
- A "LinkedIn" for AI specialists in French-speaking Belgium
- An infrastructure :
 - software to make resources available virtually and flexibly as needed
 - hardware for reliable storage of data sets and demonstrators

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09

an international partnership

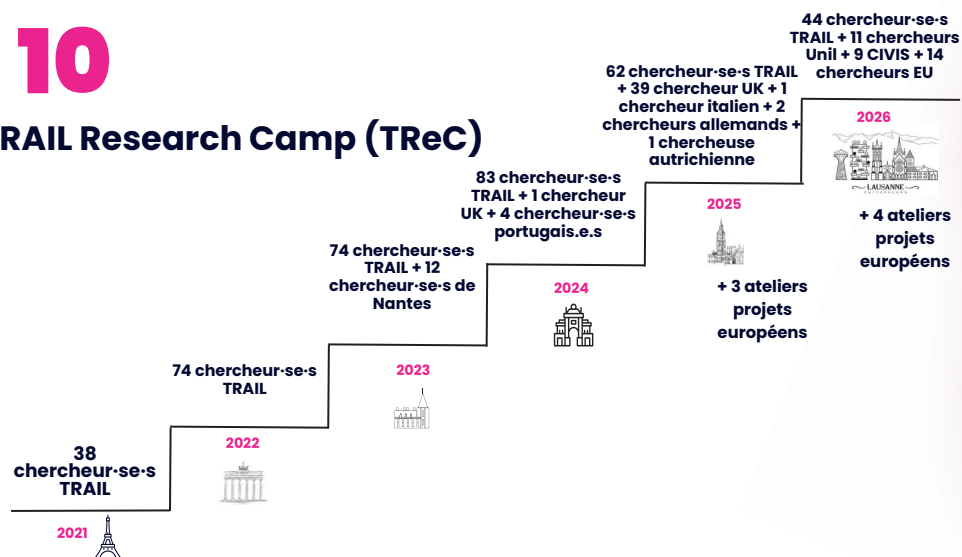
- [Draw inspiration and share knowledge](#)
▷ [Summer Workshops](#)
- [Identifying the challenges of AI abroad](#)
▷ [Forums, Exhibitions & Conferences](#)
- [Offer opportunities to collaborate with other AI ecosystems](#)
▷ [EU Project Calls & Student Exchanges](#)



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10

TRAIL Research Camp (TReC)



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TReC'2026

78 Participants

11
Unil.

44
TRAIL
TRUSTED AI LABS

9
civis
Europe's Civic University Alliance



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11

European Projects



Ongoing consortia with UK et Swiss partners on Horizon Europe Projects:

1. **HORIZON-CL4-2027-04-DATA-03**: Decentralized & sustainable AI
→ Looking for HPC and industrial partners
2. **HORIZON-CL4-2027-02-DIGITAL-EMERGING-52**: New approaches for Human/AI collaboration for the workforce of the future
→ Looking for specific use-cases
3. **HORIZON-HLTH-2027-02-TOOL-01**: Predictive biomarkers for non-communicable diseases
→ Looking for longitudinal data with treatment response
4. **HORIZON-CL2-2027-01-DEMOCRACY-06**: Identifying user-focused solutions to support news media freedom
→ Looking for media professionals for a use case
5. **HORIZON-MSCA-2027-DN-01-01**: MSCA Doctoral Networks 2027

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Call Topic Code	Title	TRAIL- wide relevance	# Expect. apprvd. proposals	Timeline Fit	Budget per project	Funding rate	Opportunity Score
HORIZON-HLTH-2027-02-TOOL-01-two stage	Development of predictive biomarkers of disease progression and treatment response by using AI methodologies for chronic non-communicable diseases- (RIA)	Mid	High	High	Mid	100	★★★★★ (20.2)
HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage	New approaches for Human/AI collaboration for the workforce of the future (RIA) (Made in Europe and AI, Data and Robotics partnerships)	High	High	High	Mid	100	★★★★★ (18.0)
HORIZON-CL4-2027-01-MAT-PROD-02	Advanced manufacturing for key products (IA) (Made in Europe partnership)	Mid	High	High	Mid	100	★★★★★ (16.1)
MSCA-2026-DN MSCA-2027-DN RAISE-2026-01-03	Standard Doctoral Networks: Large-scale networks to train early-stage AI researchers. RAISE Doctoral Networks for AI in Science (RAISE pilot)	High	High	Mid	Low	100	★★★★☆ (14.7)
HORIZON-RAISE-2027-01-01	Automated Scientific Discovery (RAISE Pilot)	High	Mid	High	Mid	100	★★★★☆ (13.0)
HORIZON-CL4-2027-04-DATA-03	New approaches for decentralized, federated and sustainable AI data processing (RIA)	High	Low	High	High	100	★★★☆☆ (8.8)
HORIZON-CL4-2027-04-DIGITAL-EMERGING-II	EU Frontier AI initiative: Developing frontier AI solutions that are safe and computationally efficient within Apply AI (RIA)	Mid	Low	High	High	100	★★★☆☆ (3.5)
DIGITAL Europe	Testing GenAI4EU applications at scale and under real-world conditions	Mid	Mid	High	Low	50	★★★☆☆ (2.3)
HORIZON-CL4-2027-04-DIGITAL-EMERGING-05	Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (IA)	High	Low	High	High	100	★★★☆☆ (2.3)
HORIZON-CL3-2026-02-CS-ECCC-02	Enhancing the Security, Privacy and Robustness of AI Models and Systems (SecureAI) (IA)	Mid	Mid	Mid	Low	100	★★★☆☆ (1.9)

