



INNOVATE.
COLLABORATE.
IMPACT.

AI & HEALTH DATA PERSONALIZED MEDICINE HACKATHON



2-3 OCTOBER 2026



KAUNAS, LITHUANIA
LSMU EMMANUEL
LEVINAS CENTRE

Building **AI-powered** solutions
for a healthier tomorrow.

ORGANIZED BY

PARTNERS & SUPPORTERS



Lithuanian
Society
of Cardiology



Funded by
the European Union

WHERE THIS LEADS

The hackathon is a gate to the Accelerator program

BIO-RED BIOTECH & PHARMA ACCELERATOR · WP4

STAGE 1 · 3 OCT

Kaunas pitch session

Our jury scores every business case and selects the **top 2** to represent Lithuania.

STAGE 2 · 26 OCT

Inter-regional final

Online. **14 regional finalists** pitch to an international jury, one member per region.

SELECTION

Top 10 admitted

Joined by **5 more** business cases identified through WP2 mapping and benchmarking.

THE COHORT

15 cases accelerated

Mentoring, investment-readiness and advisory support across the full accelerator programme.

Challenge

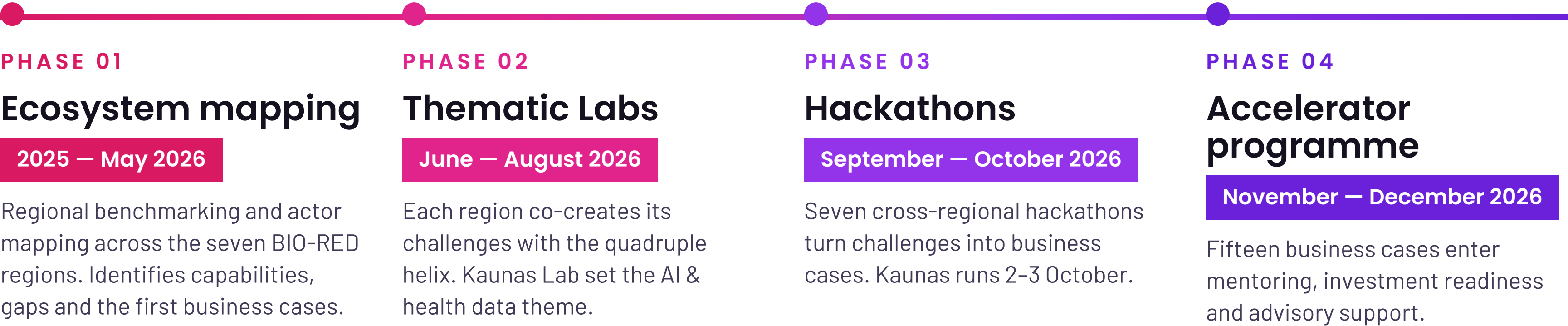
A well-framed problem co-created during a Thematic Lab: what is broken, missing or inefficient, and why it matters for less-developed regions.

Business Case

The solution, framed for investment: technically feasible, commercially viable, interregionally structured. One challenge can generate several.

HOW WE GOT HERE, WHERE IT GOES

The BIO-RED runway



YOU ARE HERE

Registration for the Kaunas hackathon is open now, and the accelerator expert pool closes on 15 September.

Kaunas Hackathon challenge areas

01

AI Diagnostics & Disease Prediction

Hard to validate AI tools and embed them in hospital workflows — evidence, RWE, clinician trust.

02

Health Data Platforms & Interoperability

Fragmented data; no secure, standardised access to health datasets for research and innovation.

03

Regulatory Environment & Investment Readiness

Gathering the expertise all startups need to attract in order to deploy their solution.

04

Others — to be presented at the Hackathon

Additional challenges that may be introduced directly during the Hackathon.

Challenge framing & early ideation

01

TIME	MOMENT	LED BY
16:30	Registration	Organisers
17:00	Opening & welcome	Regional Coordinator
17:05	Panel: “Building AI-powered solutions for a healthier tomorrow”	Evening guests
17:50	“Hackathon Fast-Track: Prototyping AI for Life Sciences Without Reinventing the Wheel”	Partner's presentation
18:20	Challenge Deep Dive	Experts /partners
18:45	Bilateral Matchmaking – speed dating	Organisers & sponsor TBC
19:30	Team Alignment Session + coffee break	Teams & Organisers
19:55	Team Work Session I - problem framing + early ideation	Teams &Experts
20:50	Session I wrap-up	Organisers

Development, pitches & closing

TIME	MOMENT	LED BY
08:30	Registration	Organisers
09:00	Session II onboarding	Organisers
09:15	Sandbox: How to Pitch – hands-on pitch coaching	Sandbox / Pitch Coaching
09:45	Coffee break	
10:00	Team Work Session II, part 1 – Business Case development	Teams + Experts
12:00	Lunch break	
12:50	Team Work Session II, part 2 – Business Case continued	Teams + Experts
14:20	Refinement & pitch preparation	Teams + Experts
15:50	Coffee break	
16:00	Final Pitch Session	Teams + Jury
17:30	Jury deliberation + participant survey	Jury + Organisers
18:30	Closing & next steps – results, feedback, WP4 pathway	Organisers + Jury



WE ARE RECRUITING

WANTED

PARTICIPANTS

01

Hackathon participants

Researchers, clinicians, startups, AI and data specialists, public authorities and investors – for Kaunas and for any of the seven regional hackathons.

Registration open
Kaunas: 2–3 October

EXPERTS & JURY

02

Experts and jury for the hackathons

Domain specialists who mentor assigned teams over the two days, and jury members who score the final pitches against the evaluation criteria.

Nomination form open
All seven regions

ACCELERATOR

03

Experts for the Accelerator programme

Final version of the expert recruitment form is out. Each partner brings three experts to support the fifteen business cases in the programme.

Deadline 15 September
3 experts per partner

SPONSORS

04

Sponsors and supporters

Back the matchmaking round, catering, the pitch prize or the venue. Visibility in front of participants from seven European regions.

Packages open
Talk to LithuaniaBIO

VOLUNTEERS

05

Volunteers for the two days

Facilitation, hosting teams and documenting the matchmaking connections that count towards the project KPIs. Short shifts, full access to the room.

Kaunas
2–3 October



GET INVOLVED

Join a Team (participation in Hachathons across 7 regions)

Form or join an interregional, multidisciplinary team.

WHAT YOUR TEAM NEEDS

- Minimum 4–5 entities per team
- At least 2 representatives from less-developed regions (LT, PT, EL)
- At least 1 representative from a more-developed region (BG, FR, SE, DK)
- Less-developed region representatives lead the Business Case forward

WHAT YOU'LL GAIN

- Expert mentoring throughout the event
- An international networking format (bilateral matchmaking)
- A path to the BIO-RED Biotech & Pharma Accelerator Program (WP4) — top 10 from 7 regions

Participants are needed across all 7 BIO-RED regional hackathons (BG, DK, EL, FR, LT, PT, SE) — not only in Lithuania.

HOW TO JOIN

Register yourself or your team — participants are pre-assigned by organisers to ensure a balanced team composition.

Join any of BIO-RED Hachathon: as a participant or an expert

Each host covers travel, accommodation and subsistence for participants from the other six BIO-RED regions – Lithuania included at every event.



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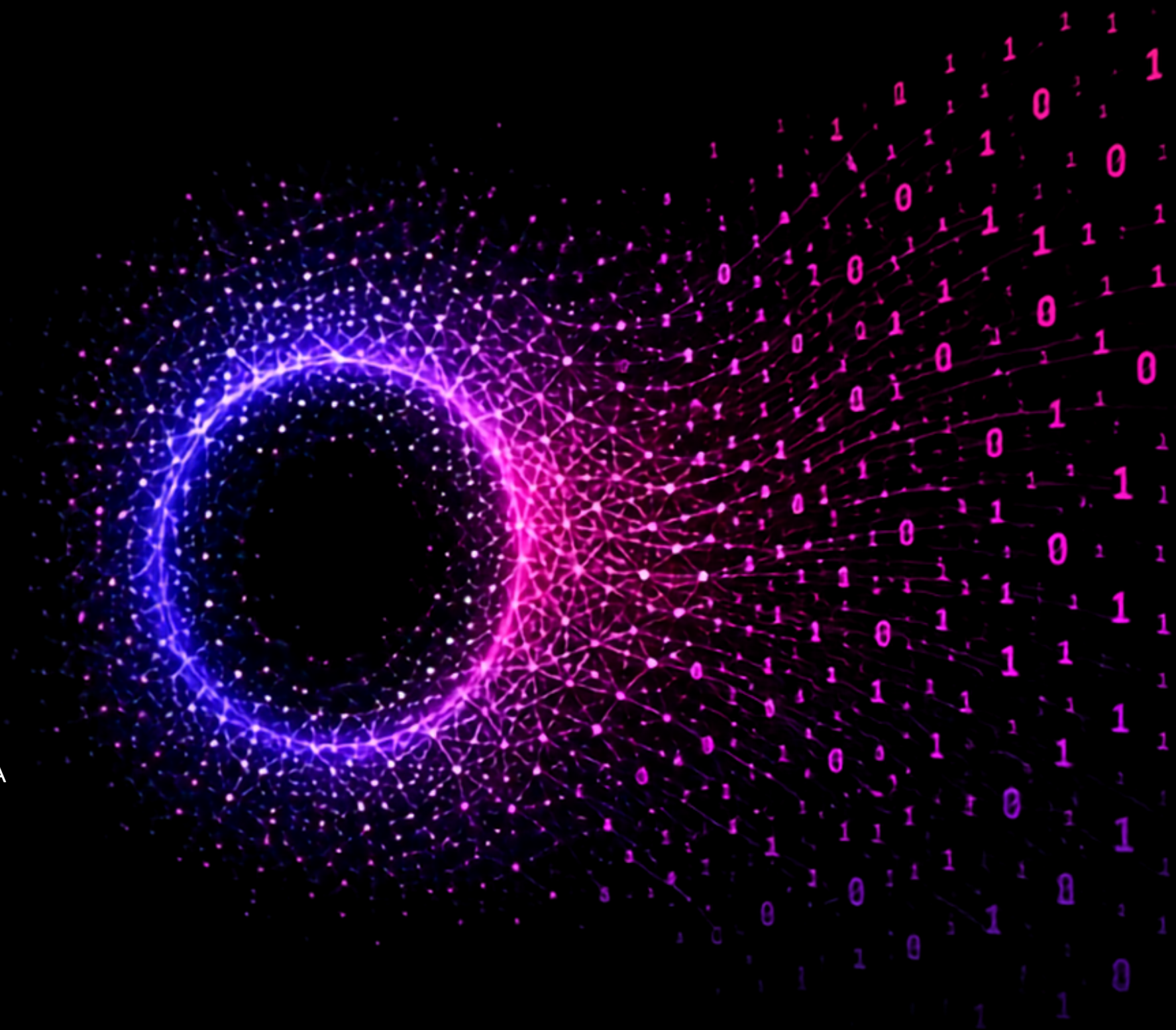


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LITHUANIAN UNIVERSITY
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KAUNO
KLINIKOS



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GET INVOLVED

Become an Expert or Jury Member in the Hachathon

Help teams sharpen their idea — or evaluate the best Business Cases.

EXPERTS

- Provide domain knowledge to teams throughout the event
- At least 1 confirmed expert per challenge (14 in total across all BIO-RED hackathons)
- Ideally 1 local + 1 international expert per challenge
- Involved during Challenge Deep Dive, Team Work Sessions, Pitch Preparation

JURY

- Involved exclusively at the final stage — scores pitches, selects winners
- 3–5 jury members per region, representing different perspectives
- Industry expert, regulatory, investor or business perspective
- One member is Jury President: moderates deliberation, casting vote in a tie

Experts and jury members are needed across all 7 BIO-RED regional hackathons (BG, DK, EL, FR, LT, PT, SE) — not only in Lithuania.

HOW TO JOIN

Let us know about your participation as an expert or jury member by the team and logistics confirmation deadline (1 week before the event).



GET INVOLVED

Submit Your Challenge for the Kaunas Hackathon

Real-world problems from clinical practice or industry become Hackathon Challenge Areas.

WHAT WE NEED FROM A CHALLENGE OWNER

- A clear problem description: what's broken, missing or inefficient
- Context — why the problem matters and to whom
- Expected impact if the problem were solved
- Optionally, join the Challenge Deep Dive session as an expert

EXAMPLE FROM THIS EVENT

FINDING THE MISSING 91%

Privacy-preserving, explainable identification of undetected cardiovascular–kidney–metabolic risk in routinely collected Lithuanian health data.

Submitted by: Lithuanian Society of Cardiology

HOW TO JOIN

Submit your challenge — it may extend the “04 Others (to be presented at the Hackathon)” area of the programme.
vitalija.venckuviene@lithuaniabio.com



GET INVOLVED

Become a Sponsor

Be part of a network that builds real connections between science, industry and investors.

SPONSORSHIP OPPORTUNITIES

- Company presentation slot in the programme
- Bilateral Matchmaking session sponsor
- Prize fund or awards partnership for winners
- Venue, catering or equipment support (in-kind)
- Visibility in event materials, programme and communications

140

bilateral matchmaking connections across the whole
BIO-RED project

HOW TO JOIN

Get in touch about a tailored sponsorship package: info@lithuaniabio.com



GET INVOLVED

Volunteer at the Event

The event's success depends on the people supporting it on the ground.

WHERE WE NEED HELP

- Participant registration and check-in
- Setup the inventory for the event;
- Timekeeping during sessions and pitches
- Hosting guests, panelists and jury members
- Technical support (sound, projection, WiFi)
- Photo / video documentation during the event
- printing materials

WHO THIS SUITS

Students, early-career professionals, LSMU and other university communities — anyone who wants a close-up look at how international health-innovation projects come together.

HOW TO JOIN

Join the volunteer team — info@lithuaniabio.com



WHAT ELSE WE NEED

What Else Would Help Us

Organisational needs to keep the event running smoothly.

01

Catering

02

Coffee & snacks

03

AV equipment & WiFi, lights

04

Prize fund

05

Mentoring

06

Printing / digital materials

Aligned with the Facilitation Guide preparation phases: Recruitment (8 wks before), Assign & Brief (2 wks before), Finalise (1 wk before).