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**Lithuanian associated  
membership in CERN.  
Action Plan for 2022–2027**



# Priorities of the Ministry regarding membership in CERN

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- Capable, coordinated scientific potential and excellence
- A wide variety of scientific fields and topics
- Sustained and sufficient national funding
- Active participation of children and youth in initiatives
- New opportunities for business
- Solving socio-economic challenges
- International recognition
- Full membership in CERN

# Background of the Action Plan

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- Agreement between the Republic of Lithuania and CERN on granting CERN associate member status (2017)
- European Strategy for Particle Physics (update)
- Action Plan contributes to the National Development Plan for 2021–2030 and it's 1st objective:

To move to a sustainable economic development based on scientific knowledge, the most advanced technologies, and innovations and to increase the country's international competitiveness

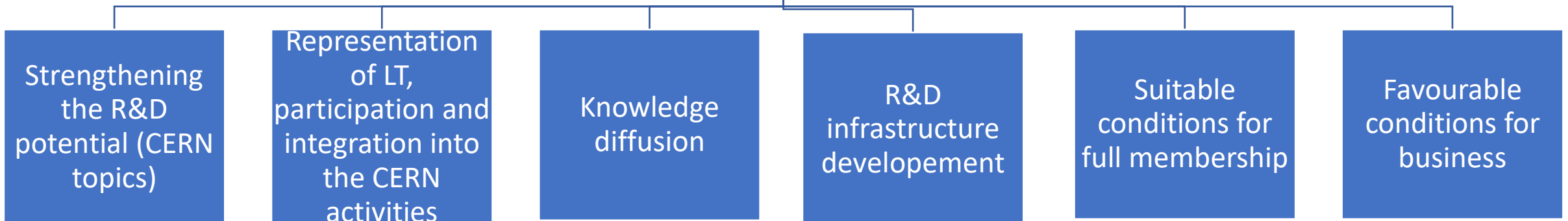
- Action Plan for 2022–2027 is the continuation of the previous Action Plan for 2018-2020

# Objective and tasks

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- Content of the Action Plan – goals, tasks, activities, assessment criteria, monitoring and evaluation of Lithuania's participation in CERN.
- Systematic continuity of participation in CERN activities during the transition from associate to full membership.

To support the effective associate membership of Lithuania in CERN and to strive for true membership, thereby strengthening the potential (human and infrastructure) of particle physics and other CERN topics



# Participants

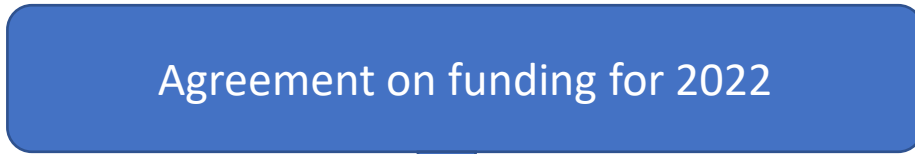
Participant	Responsibility
Ministry of Education, Science and Sport (MoESS)	supervision, coordination, funding, monitoring, representation (LT education and research interests)
Coordination Group (under MoESS)	Coordination and advice
Lithuanian Research Council (LMT)	funding, evaluation
Joint Committee of Lithuania and CERN (CERN-LT)	assessment of the obligations and results
Consortium (Vilnius University (VU)+Kaunas Technology University (KTU)+Lithuanian University of Health Sciences (LSMU)	cooperation of LT research and HE institutions with CERN; implementation and coordination of activities, representation (research interests), participation in CERN programs
Center for Nuclear and Elementary Particle Physics (under VU)	responsible for the development of elementary particle physics in LT
Ministry of Economy and Innovation (MoEI)	coordination and funding of business related activities, representation (LT business, innovation interests)
Lithuanian Innovation Center (LIC), Lithuanian Confederation of Industrialists (LPK), Innovation Agency	implementation of business relates activities, participation in CERN business programs
Science and technology parks	business incubators
Ministry of Foreign Affairs, Mission in Geneva	representation (LT diplomatic interests)
Many other institutions	representation (LT education, research, other interests; participation in activities, planning, etc.

# Activities and funding

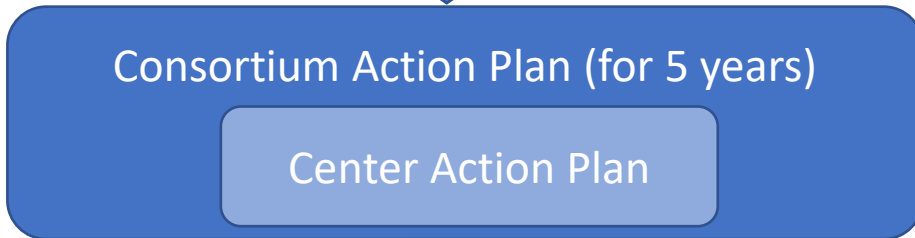
Tasks	Activities	Funding, M EUR (2022-2027)	Responsibility
Strengthening the R&D potential of CERN topics	Increasing quantity of researchers and entrepreneurship specialists; Ensuring the activity of research groups; Open science access; R&D activities; Interdisciplinary research; Baltic regional cooperation; Business trips, internships, scholarships; Study programmes	4,6	MoESS, LMT, Consortium
Representation of LT, participation and integration into the CERN activities	Participation in CERN's governing bodies; Participation in preparation and implementation of new CERN programs, initiatives and activities	0,8	Many participants
Knowledge diffusion about CERN's activities	Improve the qualifications of teachers; Participation in CERN teacher programs; STEAM activities; Science and innovation promotion events	1,1	MoESS, LMT, Consortium
R&D infrastructure development	Investments into VU, KTU and LSMU infrastructure related to CERN topics; development of Center for Nuclear and Elementary Particle Physics (VU)	3,2	MoESS, LMT
Suitable conditions for membership	Annual financial contribution; competitive funding for the implementation of CERN projects; monitoring and evaluation	9	MoESS, LMT
Favorable conditions for business	Development of CERN's relations with LT industry; Activities of CERN Business Incubators; Knowledge and technology transfer activities	0,5	MoEI, LIC, LPK

# What's next?

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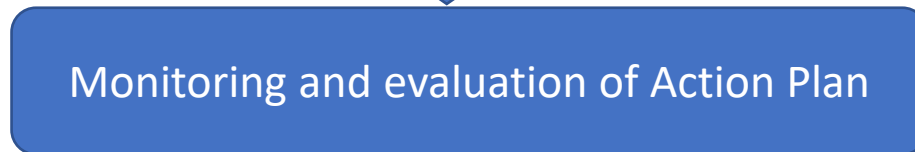
Between MoESS and VU  
Funding by MoESS



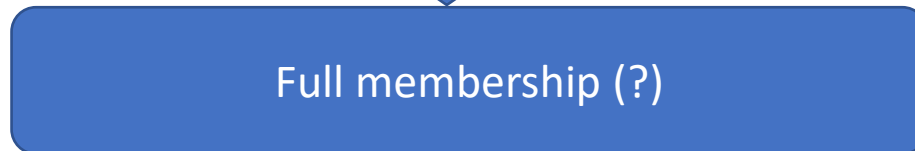
Prepared, approved and implemented by Consortium  
Evaluated by LMT



Between LMT and Consortium  
Funding by LMT (from 2023)



Annualy monitoring report by MoESS. Data provided by Consortium  
Interim (2026) and final (2028) evaluation by LMT. Considering  
recommendations of CERN-LT



Any time.  
MoESS organizes data provision and fact-finding missions of  
CERN working group

# Coordination group

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On 23 May 2023 a **coordination group was formed:**

to advise Ministry regarding Lithuania's associate membership in CERN

to help supervise and coordinate the implementation of the CERN Action plan at the inter-institutional level

## **Representatives:**

- Ministry
- Ministry of Economy and Innovation (MoEI)
- Ministry of foreign affairs
- Office of the President
- Office of the Government
- Research Council of Lithuania (LMT)
- The Lithuanian Academy of Sciences
- Lithuanian Confederation of Industrialists (LPK)
- Consortium (VU, KTU, LSMU)
- Permanent mission of the Republic of Lithuania to the UN in Geneva



# Lithuanian representatives in CERN

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On 2 June 2023 The list of Lithuanian representatives in CERN working groups has been updated by order of the Minister

## **Representatives of Lithuania are participating in:**

- **CERN Council** (Permanent mission to the UN, Consortium + Ministry and LMT substitutes)
- **Finance Committee** (Consortium, Lithuanian Innovation Center + Permanent mission to the UN and LMT substitutes)
- **Science policy Committee** (Consortium)
- **Joint Liaison Committee** (MoEI, LMT, Consortium)
- **Knowledge transfer forum** (Lithuanian Innovation Center)
- **Knowledge transfer forum on Medical Applications** (Consortium)
- **The Eurorean Strategy Group** (Consortium)
- **Reacher and Student forum** (Consortium)
- **Advisory Committee of CERN Users** (Consortium)

## **Lithuania also has:**

- **Representative of industrial relations with CERN** (LPK)
- **National coordinators of Lithuanian teacher programs** (Consortium, National Agency for Education)



# Thank you!

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