

**Assessment of benefits of membership of the Czech Republic  
in the [full name of the international R&D organisation]**  
*Background documentation for evaluation*

## A. DESCRIPTION OF THE INTERNATIONAL R&D ORGANISATION

- 1.1. Describe how the IO characterises itself in terms of definition of its overall mission and goals? What is the research infrastructure operated by the IO and technologies used? Which are the main IO's science, technology development and innovation activities of mandatory, as well as voluntary nature?
- 1.2. Describe the overall genesis, past development, actual state of play, most remarkable milestones and achievements reached by the IO, as well as IO's future development strategy, including major investments in facilities and long-term R&D programmes and projects, which are currently under preparation and/or consideration.
- 1.3. Specify the membership policy of the IO (i.e. Members, Observers, Strategy and/or Associated Partners, etc.) and include a list of IO's participating entities. What are their financial and other legal commitments? What is the IO's high-level policy for calculation of their contribution fees? What was the evolution in this regard over the last 5 years (i.e. 2016–2020), if any?
- 1.4. Specify the IO's budget in the last 5 years (i.e. 2016–2020). What was the structure of IO's budget in terms of the personal costs, operation costs, maintenance costs, investment costs, services and subcontracts, overheads, etc.? Specify the share of individual IO's parties on the overall budget of the IO over the last 5 years (i.e. 2016–2020).
- 1.5. Describe the architecture of IO's governance and management structure, including managerial, scientific and technical staff, and administrative or other supporting offices. Insert also the IO's organisation chart, including FTE numbers assigned to individual IO's organisational units. Does the IO offer opportunities for internships and/or seconded experts?
- 1.6. Specify the IO's relationships within the European Research Area and other macro-regional research and innovation clusters inside and outside Europe. What have been the IO's links to research infrastructures listed in the Roadmap of European Strategy Forum on Research Infrastructures (ESFRI)? What have been the major synergies and complementarities, if any?
- 1.7. Specify the IO's links to international R&D and innovation initiatives, programmes and projects developed in Europe other than ESFRI and beyond, e.g. European Technology Platforms, Public-Public-Partnerships, Public-Private-Partnerships, EU Framework Programmes for Research and Innovation, etc. Specify the IO's cooperation with major industrial and business stakeholders.

(Fill in the text here)

## B. GOVERNANCE OF THE MEMBERSHIP IN INTERNATIONAL R&D ORGANISATION

- 2.1. Describe the basic characteristics of the Czech membership in the IO. Since when has the Czech Republic been the IO's Member State, and what the legal basis for the engagement is? Add also information on the most relevant forms of cooperation between the Czech Republic and IO, like national-based synergy/complementary R&D programmes and projects of major importance.
- 2.2. Specify the pivotal IO's science, technology development and innovation activities participated by the Czech user community in the last 5 years (i.e. 2016–2020). Which were the experiments,

R&D programmes and projects, as well as the educational, technology transfer and innovation initiatives of utmost importance for the Czech user community?

- 2.3. Describe the evolution of the Czech membership fee to the IO in the last 5 years (i.e. 2016–2020) in terms of the financial scope of the contributions to the IO's mandatory and voluntary activities, and specify the ratio of these membership contributions. What was the interest of the Czech user community as regards involvement in the IO's non-mandatory activities?
- 2.4. Describe the organisation of performance of the Czech membership in the IO. What is the system of the Czech delegations to the IO's governance and management bodies? What is the division of work between the Czech Governmental and research stakeholders, and their coordination? What advisory structures, if any, are operative to provide expert advice to Governmental stakeholders?
- 2.5. Specify the approach of Governmental stakeholders of the Czech Republic as regards dissemination of information on the opportunities provided by the IO to its user communities (i.e. mechanisms to disseminate the information about the IO, user access to IO's facilities, announcement of openings to fill vacancies, participate in procurements and public tenders, and calls for R&D projects, etc.).

(Fill in the text here)

### **C. BENEFITS OF THE MEMBERSHIP IN INTERNATIONAL R&D ORGANISATION “SCIENCE AND RESEARCH”**

- 3.1. Describe the share on a total of IO's experimental time/capacity, which was assigned to the Czech user community of the IO in the last 5 years (i.e. 2016–2020). What was the use of the facilities of the IO by the Czech user community in the course of this period? Specify the comparison between the Czech share on the IO's budget and the Czech share on the use of IO's scientific facilities.
- 3.2. Specify the usage of data produced by the IO by the Czech user community over the last 5 years (i.e. 2016–2020) in terms of the number of downloads and/or accesses to the IO's data sets. Add also a comparison between the data use intensity of the Czech user community and all the other Member State user communities.
- 3.3. Specify the number and share on a total of scientific publications based on the data, experiments and other R&D results reached by the IO with participation of the Czech user community of the IO. Include the average citation index of these scientific publications according to the Web of Science, and add a list of 50 top-class scientific publications from the last 5 years (i.e. 2016–2020).
- 3.4. Describe and insert a list of the top-class experiments, R&D programmes and projects realised by the Czech user community in the IO over the last 5 years (i.e. 2016–2020). Include also additional information on funding of these experiments, R&D programmes and projects, success rate of the Czech user community in IO's calls, etc.
- 3.5. Specify the interests of the Czech user community in the IO's future activities regarding the newly planned experiments, R&D programmes and projects, and upgrades of IO's experimental facilities and/or development of new IO's research infrastructure that is currently under preparation and/or consideration. What is the involvement of the Czech user community in these activities, if any?

(Fill in the text here)

## **C. BENEFITS OF THE MEMBERSHIP IN INTERNATIONAL R&D ORGANISATION “TECHNOLOGY DEVELOPMENT, INNOVATION AND INDUSTRY”**

- 4.1. Describe and insert a list of the most important IO’s technology development projects participated by the Czech scientific and industrial community over the last 5 years (i.e. 2016–2020). Include the description of technology scope, detailed specification of the Czech involvement, investment costs, participant list and financial share of the Czech participants in the projects.
- 4.2. Following the information provided above, specify the contracts assigned to the Czech industry in the last 5 years (i.e. 2016–2020), i.e. supplies and services provided by the Czech enterprises. Add also the total amount by year, and share of high-tech contracts. Insert a list of contracts, including short description thereof.
- 4.3. Specify the knowledge and/or technology transfer activities developed by the IO in the last 5 years (i.e. 2016–2020) with participation of the Czech scientists, researchers, innovators, businesses and industries. Describe also any other relevant innovation related activities supported by the IO in the period, participated by Czech stakeholders.

(Fill in the text here)

## **C. BENEFITS OF THE MEMBERSHIP IN INTERNATIONAL R&D ORGANISATION “EDUCATION, TRAINING AND HUMAN RESOURCES DEVELOPMENT”**

- 5.1. Specify the number of employees of the IO coming from the Czech Republic in the IO’s managerial, scientific, technical and administrative staff. Which employees are hired on a permanent basis, and which of them are external, interns and/or seconded experts? What is the share of other Member State citizens on the IO’s personnel? Link the figures to the last 5-year statistics (i.e. 2016–2020).
- 5.2. Describe the education and training activities of the IO and specify the number of Bachelor, Master and Ph.D. students, and graduates/professionals from the Czech Republic educated and/or trained in the IO, including students’ practices, summer schools, etc. Add also their specialisation and their share on the overall IO’s education and training capacity in the last 5 years (i.e. 2016–2020).
- 5.3. Specify the number and share on a total of the Bachelor, Master and Ph.D. students, and scientists coming from the Czech Republic, who worked on R&D projects implemented under the umbrella of the IO in the last 5 years (i.e. 2016–2020). Keep the statistics separately for students and scientists, and include a comparison with citizens of other IO’s Member States.

(Fill in the text here)

## **D. PUBLIC RELATIONS, MARKETING AND MEDIA OUTREACH**

- 6.1. Specify the scientific congresses, conferences, seminars, workshops, meetings and information days or industry days organised in the Czech Republic in the last 5 years (i.e. 2016–2020), which were related to the IO, either directly (mono-thematically) or indirectly. Add a total number of such events, their description, target audience, number of participants, etc.

6.2. Describe the communication strategy of the Czech membership in the IO aimed both at the expert and general public in the last 5 years (i.e. 2016–2020), and specify the public relation outcomes in the media (i.e. magazines, radio, TV, etc.) regarding news/achievements reached by the IO and/or Czech researchers, students and innovators contributing to the IO’s activities and vice versa.

(Fill in the text here)

## **E. ANY OTHER RELEVANT INFORMATION**

7.1. Add any other relevant information you consider important for the international peer-review assessment of benefits of membership of the Czech Republic in the IO – i.e. beyond the scope of information, which has already been provided in reply to the questions raised above in the background information form.