



ACTION PLAN of the Czech Optical Cluster for 2020

Main goals of the Czech Optical Cluster (COC) for 2020

1. Preparation and implementation of 3 educational and networking events for cluster members.
2. Launch of expert working groups for individual pillars of cluster activities.
3. Involvement of the cluster in the activities of the National Competence Center – Center for Electron and Photon Optics project and involvement in the preparation of a follow-up project (NCK-CEPO 2).

Operational activities

- Obtaining a subsidy from the Olomouc Region for the implementation of educational and networking events, the launch of professional working groups, the development of international cooperation, and the promotion of the cluster.
- Searching for opportunities to connect with foreign clusters and participation in international grant programs.
- Searching for the possibility of co-financing cluster activities from the program of the Technology Agency of the Czech Republic "National Center of Competence – Center for Electron and Photon Optics 2" (NCK-CEPO 2) since 2021.
- Organization of two meetings of the COC Member Meeting and five meetings of the COC Executive Board.

Strategic development of the cluster

- Proposal of specific persons from the ranks of COC to the position of "Professional guarantor of the pillar of COC activities" and at the same time the leader of the corresponding working group, for individual pillars of cluster activities:

1. Industrial and consumer optics
2. Military optics
3. Lighting technology
4. Laser technologies and applications
5. Electron microscopy

and the launch of these expert working groups.

- Completion of the concept of the honorary position of Ambassador COC and the acquisition of the first personalities.

- Development of cooperation of COC members in areas of interest (eg NCK-CEPO 2, contract for infantry fighting vehicles, joint research in specific areas, human resources for optics, the cooperation of members in Industry 4.0, development of quantum optics and more)
- Mapping of actors and value chains in the optical industry in the Czech Republic, creation of a branch map
- Continuous search for suitable subsidy programs to support research and development (R&D) projects and analysis of their usability for COC members.

Development of the membership base

Selection and acquisition of other potential candidates for membership in the COC – especially from the 4th and 5th pillars of the activity.

Networking events and cluster promotion

Own events for networking, presentation and sharing of professional and scientific information; intended for COC members, potential members, partners and, where appropriate, other target groups, in particular:

- Workshop 1 on “Handheld Optics – trends and needs of the armed forces” (03/2020)
- Workshop 2 on “Common R&D projects for NCK-CEPO 2” (05/2020)
- Workshop 3 on “Scholarship programs and popularization of the field of optics” (10-11 / 2020)

Furthermore, common meetings of COC members with members of major Czech or foreign clusters. Promotion and PR activities for the implementation of the COC communication strategy will take place on an ongoing basis.