



**LARGE RESEARCH
INFRASTRUCTURES**



MINISTRY OF EDUCATION,
YOUTH AND SPORTS

EUROPEAN RESEARCH INFRASTRUCTURES FOR A SMARTER FUTURE

VIRTUAL CONFERENCE
FRIDAY, 15TH MAY 2020

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Deputy Minister for EU and European Structural and Investment Funds
Ministry of Education, Youth and Sports of the Czech Republic



RESEARCH INFRASTRUCTURES IN THE RENEWED EUROPEAN RESEARCH AREA POST-2020 NARRATIVE



ESFRI



MAKING SCIENCE HAPPEN

A new ambition for Research Infrastructures
in the European Research Area

ESFRI WHITE PAPER
2020

EUROPEAN RESEARCH INFRASTRUCTURES SOCIOECONOMIC BENEFITS AND IMPACTS



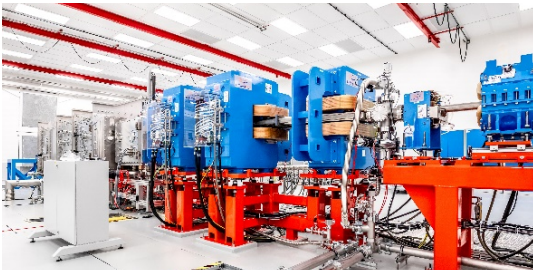
Ground-breaking basic and applied research



Academia – industry cooperation



Knowledge and innovation hubs



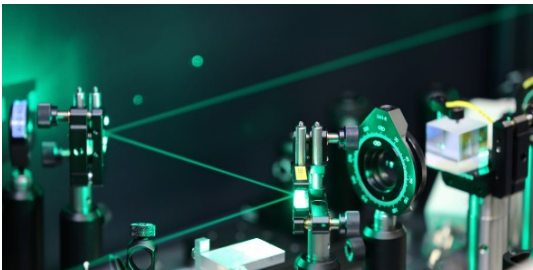
Development of state-of-the-art technologies



Creation of start-ups and spin-offs



Science and technology parks



Deployment of breakthrough innovations



Education, training, skills, mobility



Macro/regional development

EUROPEAN RESEARCH INFRASTRUCTURES WIDER POLICY OBJECTIVES



Industry 4.0 and Mobility 4.0



Climate change mitigation



Medicines and treatments



Demographic change, wellbeing



New and advanced materials



Biodiversity preservation



Healthy food production



Culture heritage preservation



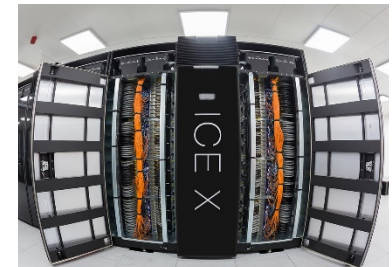
Secure and clean energy supply



Sustainable agriculture



Clean water supply



Big data management



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Thank you for your attention!



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