

ELI-ALPS Research Institute
TOWARDS THE SHARP END OF ATTOSCIENCE



Introduction to ELI-ALPS project

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European Union
European Regional
Development Fund



INVESTING IN YOUR FUTURE

What is ELI?

ELI-DC Brussels

The consortium that is responsible for the coordination of the three research centres during implementation

ELI-ALPS Szeged Hungary

ultrashort laser pulses at high repetition rate

ELI-BL Dolny Brezany Czech Republic

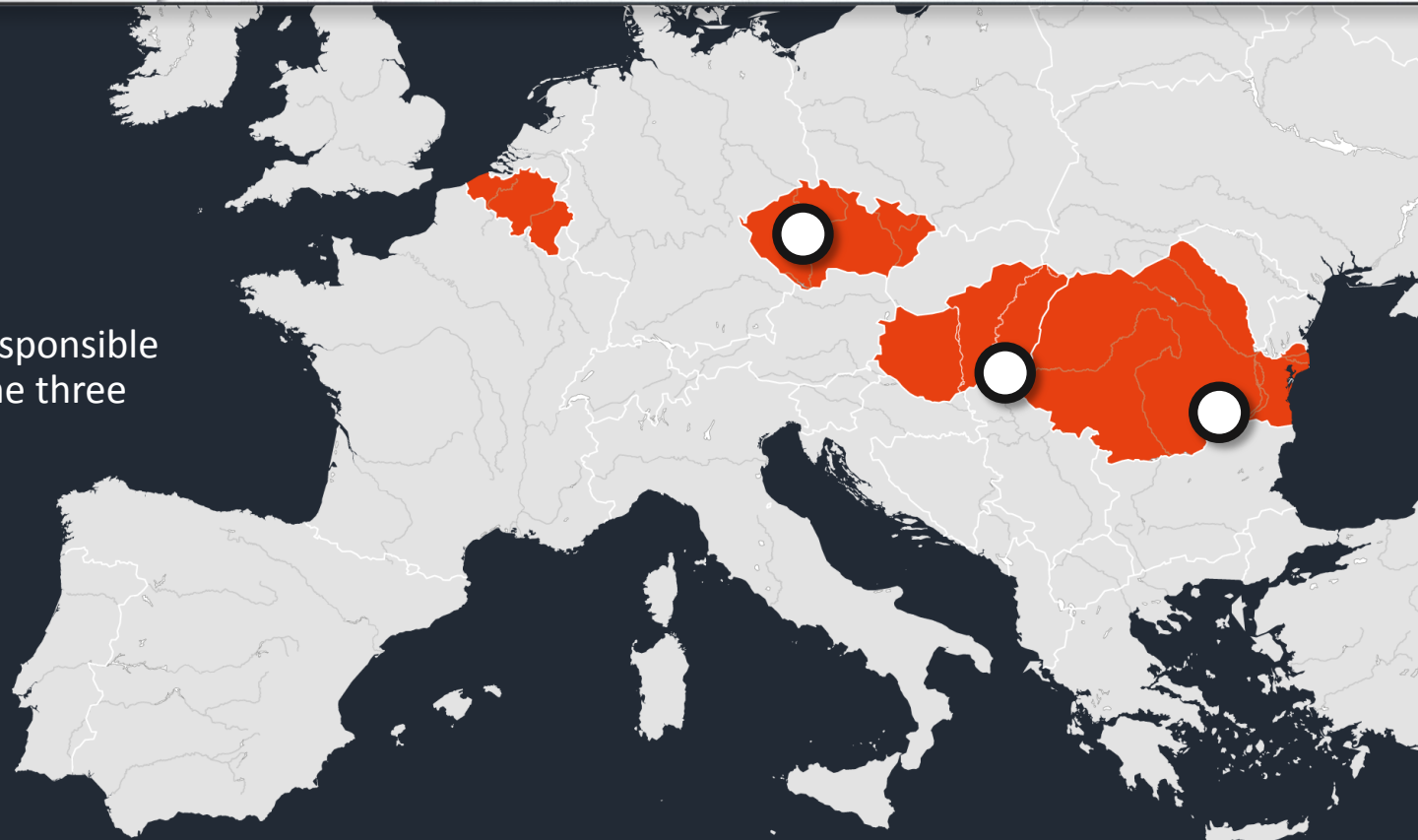
ultrashort x-ray generation, particle acceleration

ELI-NP Magurele Romania

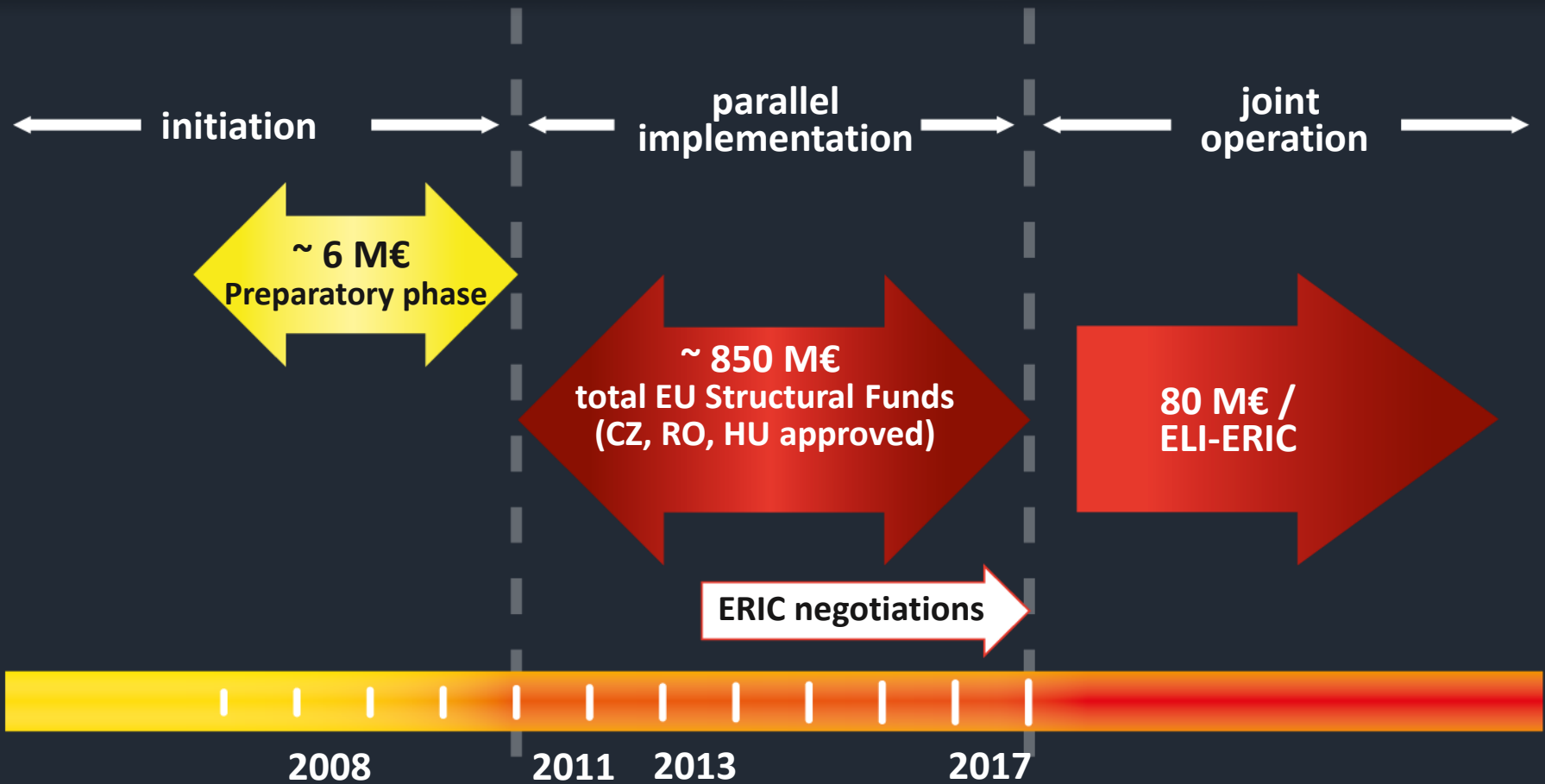
ultra-intense optical and gamma ray pulses

UHFS

Ultra-High-Field Science
unprecedented laser field strength
(location: to be decided later)



Financial structure





ELI-ALPS

ELITRANS: Enabling ELI's transformation from ERDF - funded distributed implementation towards ERIC - governed unified operation

TRINNO: Fostering ELI's integration to the local economy by building business ecosystem for TRaditional and INNOvative sectors

HTBT: Access to world class large scale research infrastructures for V4 businesses

D-STIR: Embeddedness of high quality research infrastructures in the Danube Region

RI2INTEGRATE: Embeddedness of high quality research infrastructures in the Danube Region

SCIPARK: Preparation of science park around ELI

IMPLEMENTATION PHASE

SUBMITTED

PREPARATION

Major issues ahead policy recommendations

- ELI-ALPS wants to avoid „*cathedral in the desert*” phenomenon
- We make efforts in order to achieve the sustainability and embeddedness of ELI
- The establishment of a science park in the immediate environment of the ELI-ALPS is of vital importance from the aspect the enterprises of the local economy
- Our project portfolio maps this logic
- BUT!!! These small projects can serve only as the basis of these efforts, further support is needed from other sources



THANK YOU FOR
YOUR
ATTENTION!

SZÉCHENYI 2020

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