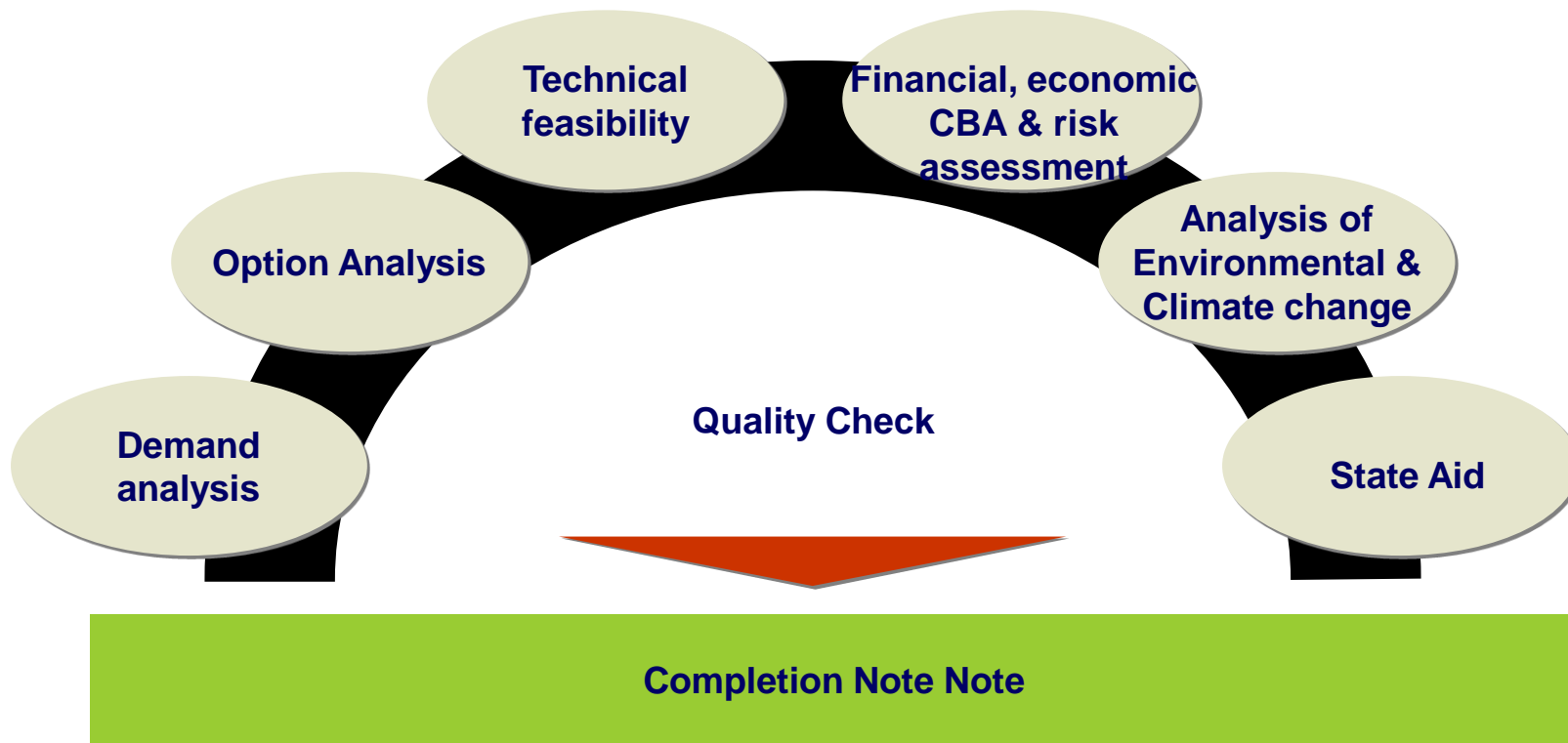




Synergies & RDI infrastructures

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JASPERS: Joint Assistance to Support Projects in European Regions



The Extreme Light Infrastructure – Nuclear Physics (ELI NP)

- Major RDI infrastructure facility, located in Magurele, Romania
- State-of-the-art laser technologies for fundamental research in the domain of laser nuclear physics.
- Internationally research infrastructure, openly available for researchers from the academic as well as the private scientific sphere.
- Pan-European ELI project with 3 RI pillars:
 - ELI NP (Magurele, Romania)
 - ELI Beamlines (Prague, Czech Republic)
 - ELI Attoseconds (Szeged, Hungary).
- All ELI-pillars are presently under construction.
- During the operational phase, each pillar will be run by a local management team
- The scientific mission and access to the different laser RDIs, will predominately be managed by a pan-European organization (ELI ERIC)

EU research funding supported the launch of ELI

Preparatory phase

Time: 2007-2010

Budget : €6 million Euro, funded under FP7 - Infrastructure

November 2007 : Start the Preparatory Phase

Participants : 13 European countries; > 50 European labs involved

October 2009 : decision on the location of ELI with 3 distributed sites

Legal : adapt single-site infrastructure to distributed one

Governance structure : for ELI delivery consortium and the ELI-ERIC

Equipment : Scientific and technical specification

August 2010 - White Book, scientific & technical summary of ELI

ELI – support from Structural Funds

- Approved for funding by the EC on September 2012
- € 387.38 million total budget
- € 319.45 million, being funded by structural funds



H 2020 – support for Research Infrastructures

- Preparatory phase of new ESFRI projects & the implementation and the operation phases of prioritized ESFRI projects.
- Integration of the national facilities into networks (ex Integrating Activities under FP7)
- Deployment and development of ICT based e-infrastructures



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