

Pioneering THz Frequency for Europe

Terahertz Flagship initiative in a Nut Shell

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What is Flagship Programme?

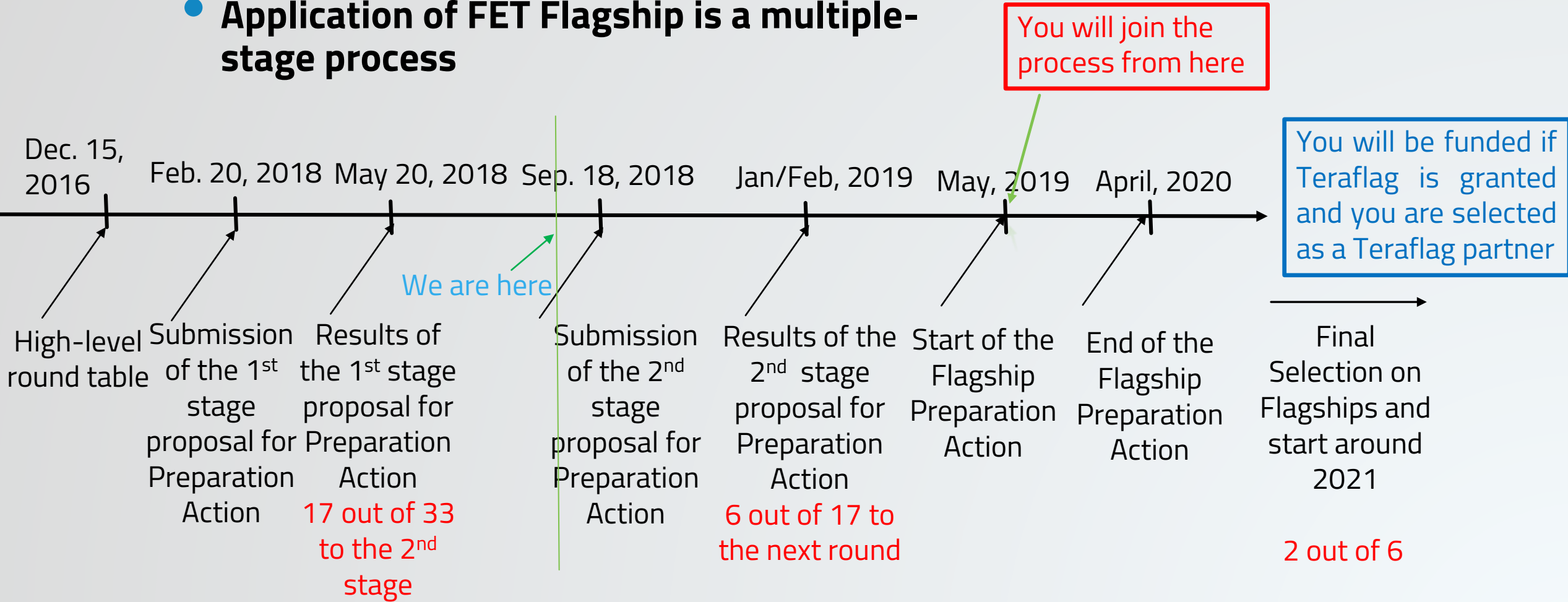
- Flagships are visionary, science-driven, large-scale research initiatives addressing **grand Scientific and Technological (S&T) challenges**.
 - Operating Flagships : Graphene Flagship, Human Brain Project Flagship
 - Under preparations: Quantum Technology Flagship, Battery Technology
- Envisioned Funding Scheme
 - EUR 500 million from European Commission
 - EUR 500 million from other funding agencies/network, e.g., FLAG-ERA (member states and H2020 associated countries)
 - ~10 years
- Now the call for preparatory actions of future Flagships is open
 - 1) ICT and Connected Society; 2) Health and the Life Sciences 3) Energy, Environment and Climate change

What makes a Flagship?

- Grand Scientific and Technological (S&T) challenge
- Great Impact on economy and society
- A game changer
- Can only be addressed by coordinated efforts from member states
- Science Excellence in Europe
- Critical mass
- Funding Interests from member states

Where are we now?

- Application of FET Flagship is a multiple-stage process



TERAFLALG Initiative



- 1st stage : A Christmas Miracle
 - Started 2 weeks before Christmas in 2017, 2 months prior to the submission deadline
- 2nd stage: Mid summer Miracle
 - Support letters from 150+ organisations in 27 countries within 2.5 months
- Deadline for the 2nd stage proposal: Sep.18th, 2018

TERAFLAG Preparatory Action

- Coordination and Support action (CSA) with EUR 1 million budget one year.
- Building THz Research community
 - Workshops
 - Partner selection process
- Design of THz flagship
 - Common vision
 - Long-term roadmap
 - Implementation blueprint
 - Governance structure
 - Partnership model
 - Member states
 - Policy makers
 - EU initiatives and projects

Thank **You** for the Great Support!

Enjoy!!



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