

# FARIAtalks: update from RFC on funding opportunities with U.S.

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# National framework for FI-US research cooperation

- Political governmental commitment to raise R&D spending up to 4% of GDP by 2030
- USA is regarded as a priority in terms of promoting international R&D collaboration
- RCF's Finnish Research Flagships as platforms for collaboration
- Increased investments and new funding opportunities are on the horizon and some of them already in the pipeline

# Research Council of Finland / Basics

- Long-term aim to strongly increase and support research collaboration between Finland and the U.S.
- Already long-term promotion of research funding cooperation with the NSF and NIH.
- Support in the form of funding for joint FI-US projects. Joint efforts with the NSF and the NIH follow a Lead Agency model.
- Recent new opportunities for cooperation: U.S. Department of Defense, NASA



# Overview of funding opportunities for FI-US research collaboration



# Current active research funding partners in the U.S.



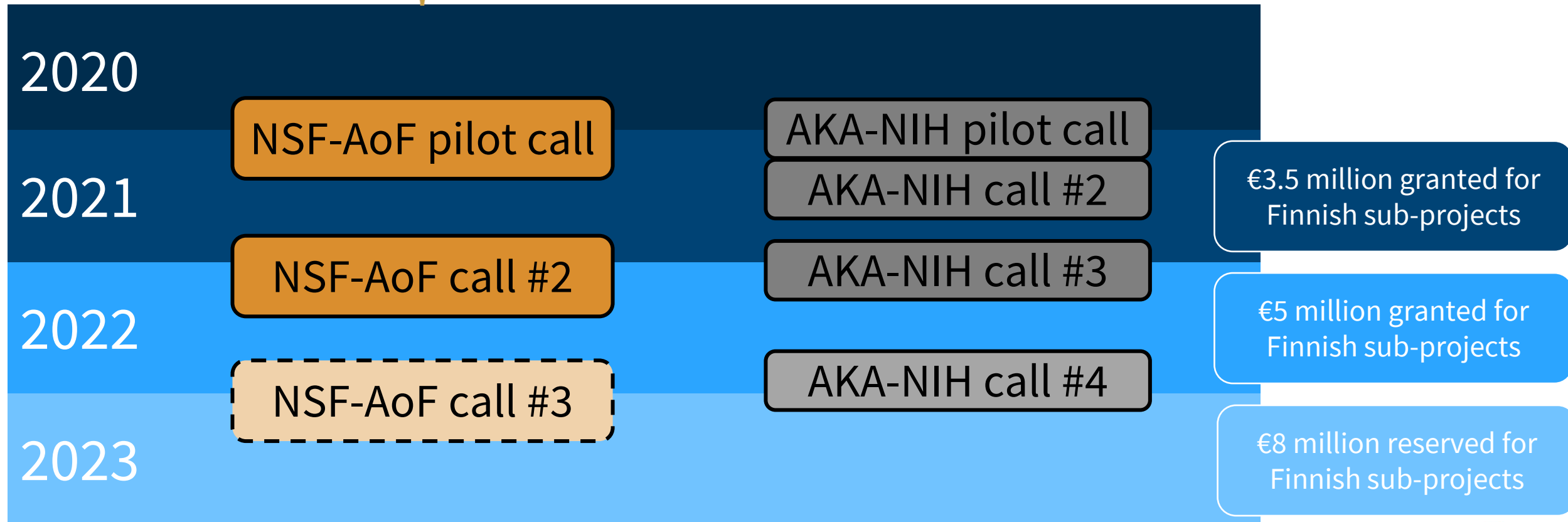
## RCF collaboration with NSF and NIH



- Collaborative research activities falling within the missions of participating **NIH Institutes and Centers** and the thematic areas of **Finnish Research Flagships**, e.g., *Artificial Intelligence (AI); Digital Precision Cancer Medicine; Gene, Cell and Nano Therapy; Immune System; Inequalities, Interventions and New Welfare State.*
- Collaborative research activities in areas at the intersection of core research programmes in the **NSF Directorate for Computer and Information Science and Engineering (CISE)** and the thematic areas of **Finnish Research Flagships**, i.e., *Artificial Intelligence (AI) and Wireless Communication Technologies.*



# Recent funding opportunities



# Potential partners in the U.S. in the near future





# State-level agreements

- Agreements between Finland and several U.S. states and areas have been / are being established
- Agreements in place with [Colorado](#) and [Texas](#)
- Special funding for international collaboration in HPC 2023:
  - Collaboration in high-performance computing with Colorado, Texas, Japan, EU – EuroHPC, LUMI
  - Another call in 2024 is foreseeable...

# Possible future funding opportunities

- Joint projects linked to developing and/or utilizing high-performance computing resources
- Joint projects targeting new high risk research areas linked to the thematic areas of the RCF Flagships
- New multidisciplinary topics and fields of cooperation with our U.S. partners (cf. JCM priorities: 6G/NextG, Quantum technologies, Biotechnology/materials/economy, Climate issues, Space etc.)
- Promotion of researcher mobility / student mobility