

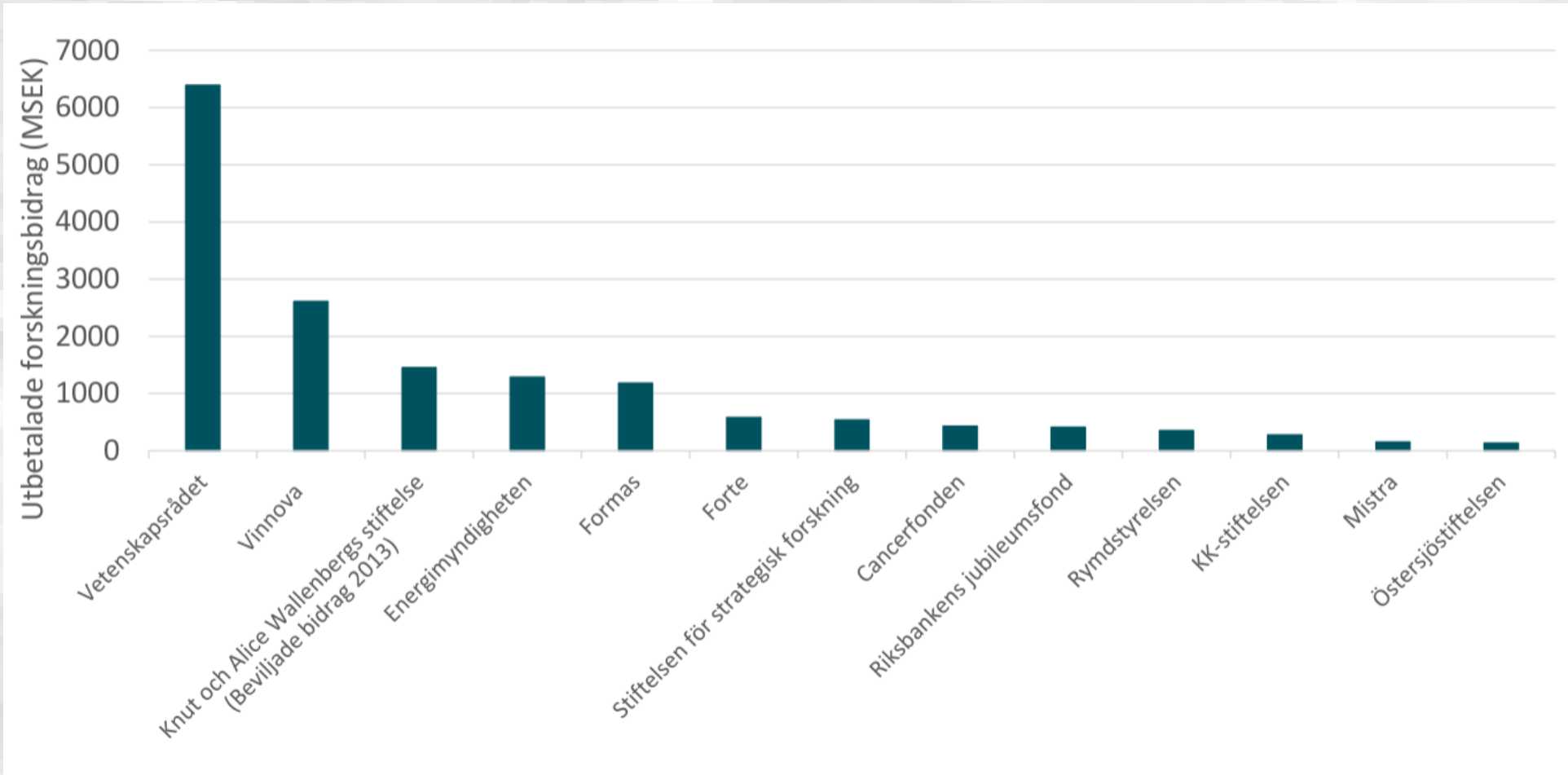


Report from RFI (and some ECFA)

- Research funding landscape in Sweden.
- Research Infrastructure in Sweden.
- Infrastructure cycle.
- Decision process for infrastructure funding.
- Guide to infrastructure.
- ECFA and HEP strategy plan.

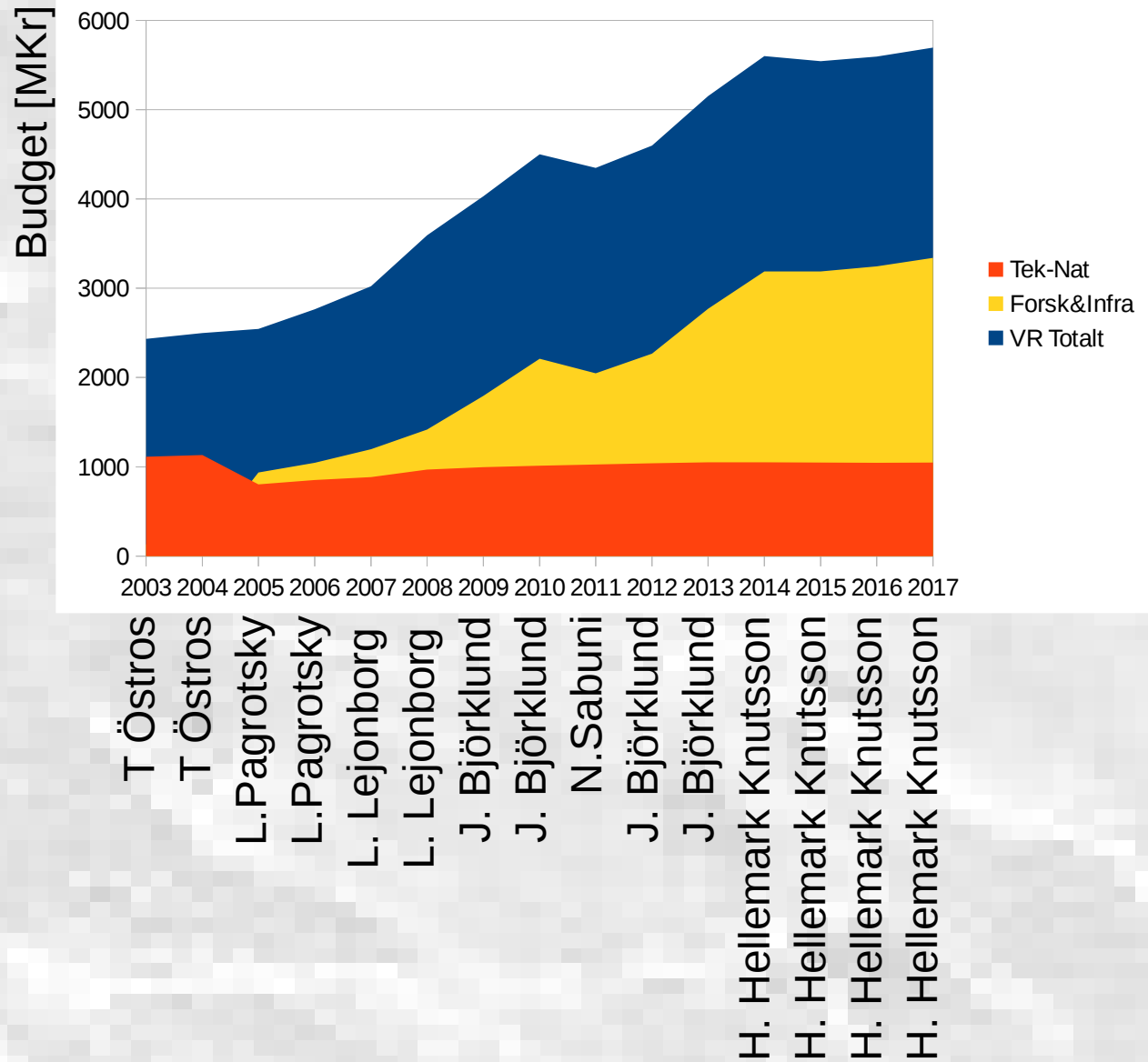


Research funding landscape in Sweden



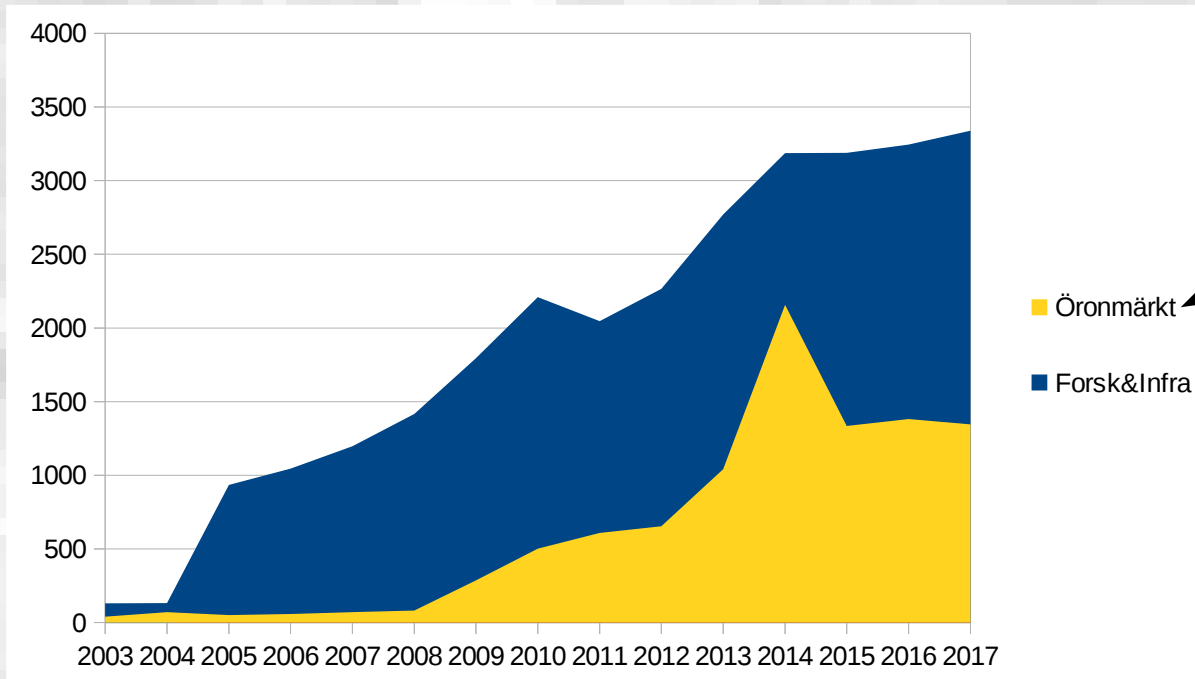


VR total funding (government directive)





Research and infrastructure funding trend



Decided by government

Öronmärkt

Forsk&Infra

* Not Max IV, international organisations (FAIR, CERN, XFEL, ESO etc)



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RFI (who are we?)



Björn Halleröd
(Secretary general)

- Jan-Eric Sundgren (Ordförande/Chair), doktor i materialfysik, senior rådgivare till koncernchefen på AB Volvo
- Peter Allebeck, professor i socialmedicin, Institutionen för folkhälsovetenskap, Karolinska institutet och huvudsekreterare Forte
- Håkan Billig, professor i fysiologi, Institutionen för neurovetenskap och fysiologi, Göteborgs universitet
- Peter Eriksson chefsstrateg, Vinnova
- Stefan Gelfgren, Docent i religionssociologi och föreståndare vid Humlab, Umeå universitet.
- Emma Gretzer, fil dr, enhetschef, Enheten för miljö och samhällsbyggande, forskningsrådet Formas
- Hjalmar Laudon, professor i skogslandskapets biogeokemi, Institutionen för skogens ekologi och skötsel, Sveriges lantbruksuniversitet
- Richard Brenner, professor i elementarpartikelfysik, Uppsala universitet
- Ingela Nyström, professor i medicinsk visualisering, Institutionen för informationsteknologi, visuell information och interaktion, Uppsala universitet
- Nancy Pedersen, professor i genetisk epidemiologi, Institutionen för medicinsk epidemiologi och biostatistik, Karolinska institutet
- Johanna Rosén, Professor i fysik vid Institutionen för fysik, kemi och biologi, Linköpings universitet.
- Maria Stanfors, Professor vid ekonomisk-historiska institutionen vid Lunds universitet.
- Göran Stemme, Professor i elektrisk mätteknik, nanoteknik, School of Electrical Engineering, KTH.



To prioritize research

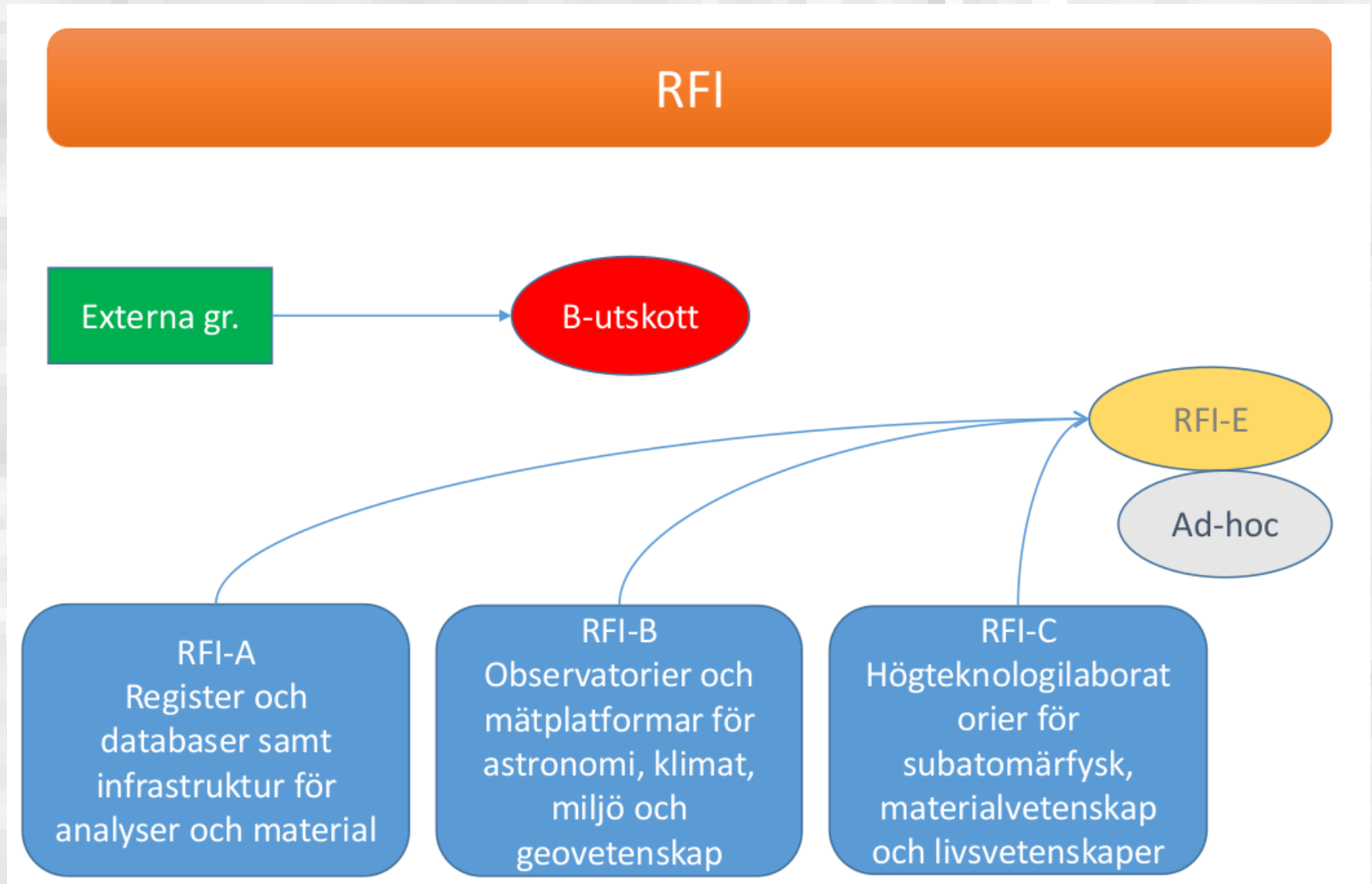
- A process to prioritize infrastructures long-term which include both phasing-in and phasing-out infrastructures.
- Coordination of existing infrastructures to increase efficiency and quality.
- To involve universities in order to increase the national coordination and to clarify the financial responsibility of universities.
- Clear division of work between different players.
- VR trough RFI takes the responsibility of long-term prioritization Swedish research.

Current guide to infrastructure from 2014:

https://publikationer.vr.se/produkt/the-swedish-research-councils-guide-to-research-infrastructures-2014/?_ga=2.7489394.1767237056.1509973532-2137737835.1468403914

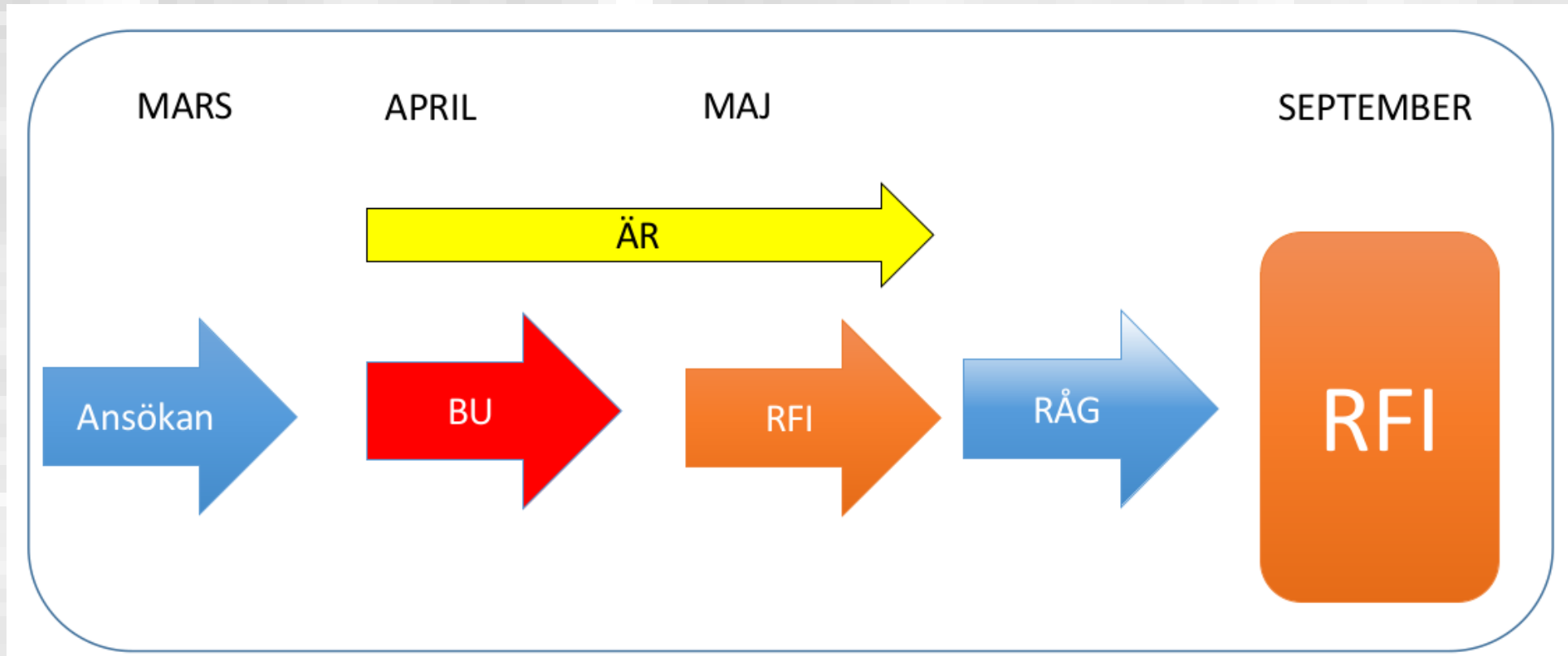


Players in the evaluation process



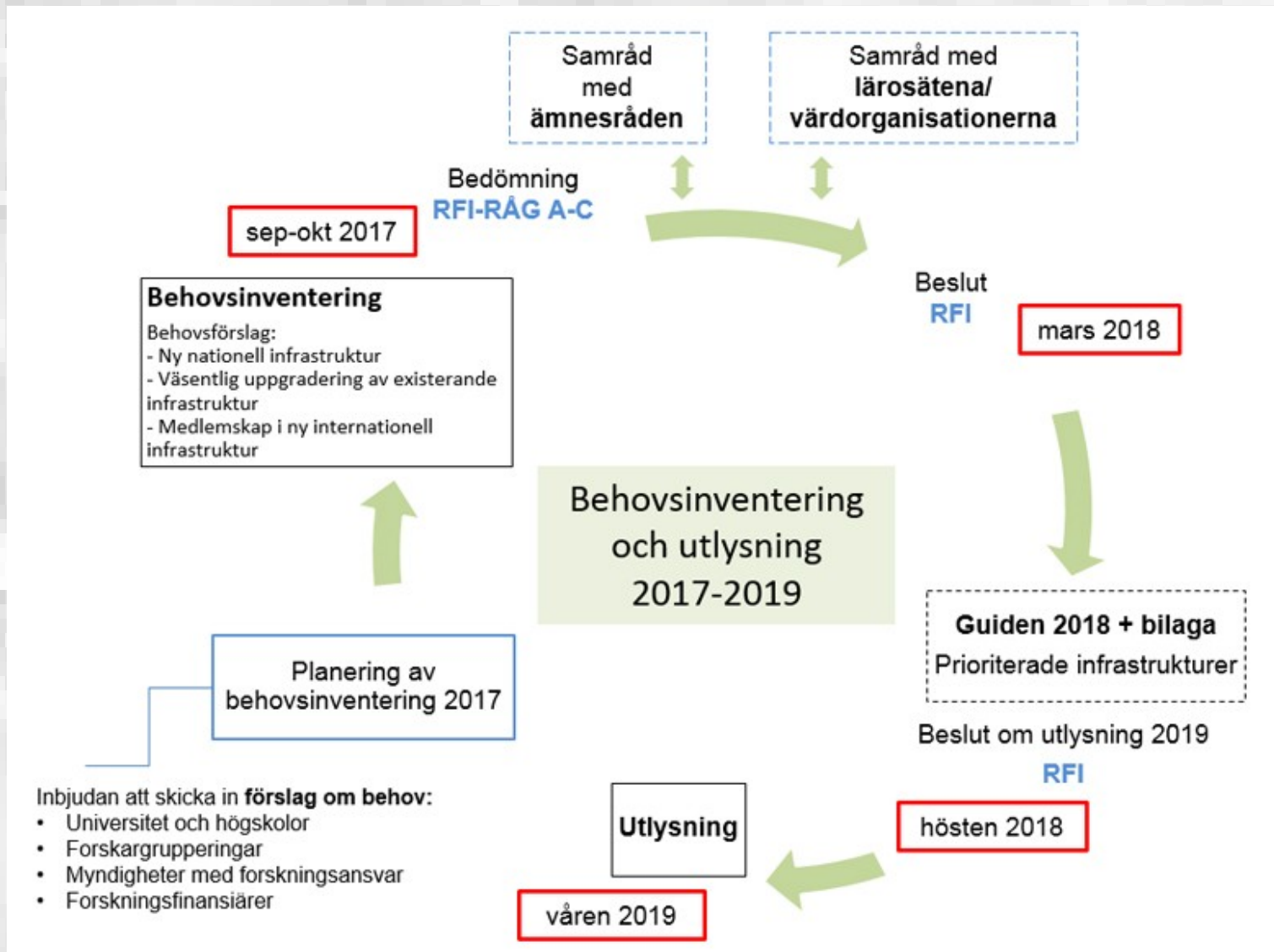


The process in 2017





Coming infrastructure prioritization process





ECFA Report 2016

The European Committee for Future Accelerators was set up at the beginning of 1963 on the initiative of Prof. Weisskopf, then Director-General of CERN and of Prof. Powell, Chairman of the CERN Scientific Policy Committee. Chairman: Halina Abramowicz (Israel) → **Replaced by Jorgen d'Hondt.**

Plenary ECFA

Plenary ECFA decides on all ECFA activities. Maximum appointment 6 y

Bengt Lund-Jensen (KTH) - Appointed 2014

Johan Rathsman (Lund) - Appointed 2013

Richard Brenner (Uppsala) - Appointed 2011 →

Replaced by David Milstedt (SU)

Restricted ECFA

Restricted ECFA assists and advises the Chairman and the Secretary in the current running of ECFA, and acts as the communication channel to each participating country, its physics community and national institutes and authorities. Maximum appointment 2 x 3y.

Richard Brenner (Uppsala) - Appointed 2011 →

Replaced by David Milstedt (SU)



ECFA ACTIVITIES

- Visits to CERN member and associate member countries
 - 2016: Switzerland (April), Sweden (May), Greece(**CANCELLED**)
 - 2017: Belgium(March), Bulgaria(April), Finland(May), Turkey (September)
- ECFA open meetings:
 - 2016: LNGS (June), CERN (November) **100th anniversary PECFA**
 - 2017: Joint ECFA-EPS Session, HEP2017, July 5-12, Venice, CERN (16-17 November)
- European strategy for particle physics by CERN Council (with support from ECFA):
 - Last time in 2013
<https://cds.cern.ch/record/1567258/files/esc-e-106.pdf>
 - Halina Abramowicz elected scientific secretary who will lead the process leading to an update in 2020. (→ ESFRI roadmap)
 - Expect a joint Swedish strategy meeting in 2nd half of 2019 organized by RECFA delegate.



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Back-up slides



ESFRI

Roadmap in 2 year cycles

<http://www.esfri.eu/roadmap-2018>

ESFRI ROADMAP DYNAMICS

