

# Getting Involved in LOFAR:

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- A. Join established user groups (especially KSPs)
- B. Form new Swedish led projects (e.g., ionosphere?) on standard LOFAR
- C. Next generation receive/transmit technology for radio and radar astronomy (i.e. LOIS).
- D. Formal need to form a Swedish National LOFAR+SKA consortium. Dispose of earned Swedish observing/resources for LOFAR

# A) Join Established User Groups

- Especially KSPs.
- Each KSP has its own internal organisation.
- Membership generally gives immediate access to data and data products.
- Still open to new members, especially those bringing new expertise or access to complementary data.
- Must act soon though, KSP membership and internal organisation will soon become more frozen as we approach proposal submission.

## B) New Swedish led projects

- Special Swedish expertise can be used to form new user groups, say on ionospheric physics (in collaboration with EISCAT for instance).
- Again groups can form on their own and apply for Swedish time (given in proportion to our investment) or open time.
- The formed Swedish consortium can be used as an information exchange to recruit members to Swedish led teams.

# C) New Technology Development

- Adding a transmitter in Sweden and using LOFAR as receiver (original LOIS main focus) still interesting idea.
- New antenna technology (tripoles etc) can be developed and may have impact especially on low band SKA designs??
- Again up to individual groups to work on this with the resources they obtain. Consortium does not direct but can be useful information exchange.

# D) Forming a Swedish Consortium

- All other countries in LOFAR have national consortia
- Act as mailing list/information exchange for individual and group efforts in Sweden
- More formal role, to represent Swedish interests on the international coordinating committee
- Also must dispose of observing rights earned from Swedish contributions to LOFAR. Elect committee to take results of central PC review and allocate the Swedish time (either to Swedes or large projects in which Swedes are active)

# Next steps

- Discuss forming a consortium, Strawman: all attendees automatically members, email for more. Membership open to all working in Sweden
- Accept nominations from all who want to serve on executive committee, expertise to evenly cover LOFAR subject areas. Aim for size 5-10 people.
- If more than 10 people wish to serve organise some form of election. Exec committee will elect representatives on international bodies, and act as TAC for Swedish time

# And....

- Choose a name, note GLOW, FLOW, probably not SLOW.