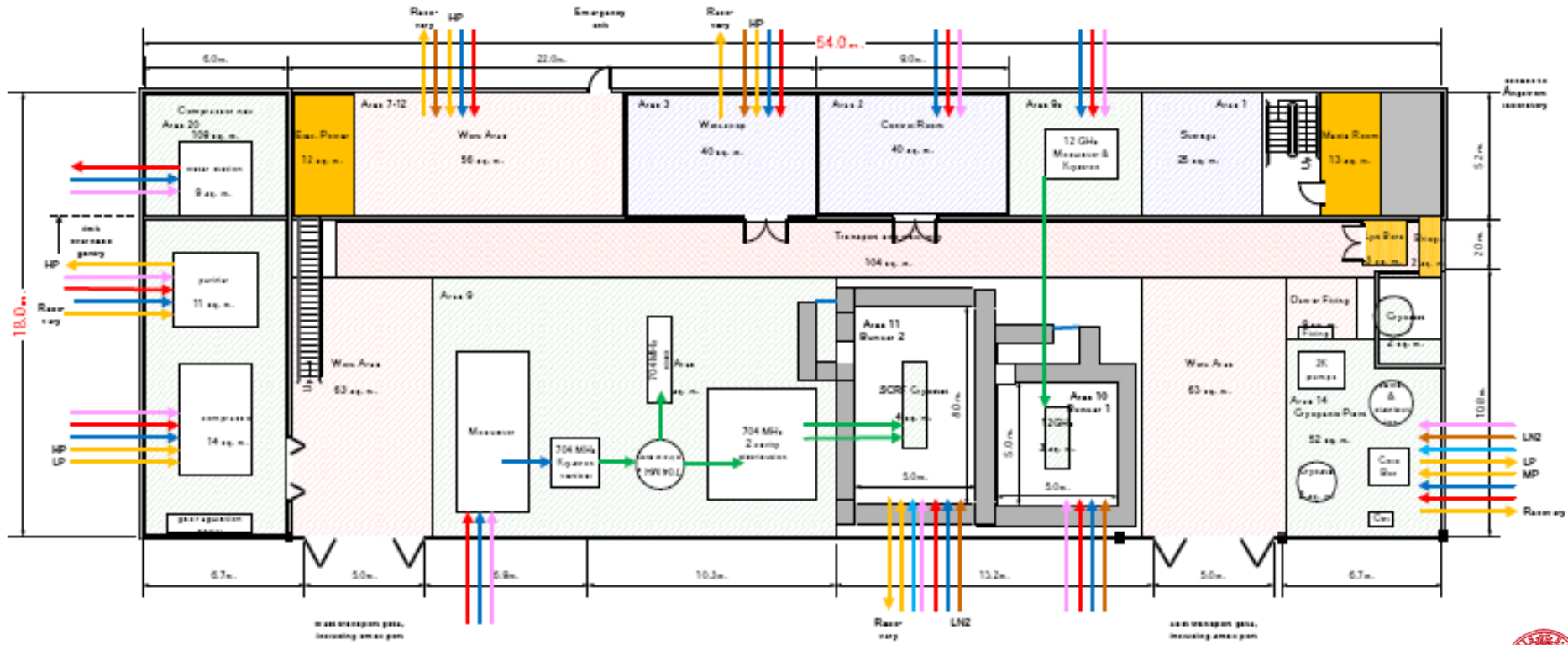


# FREIA



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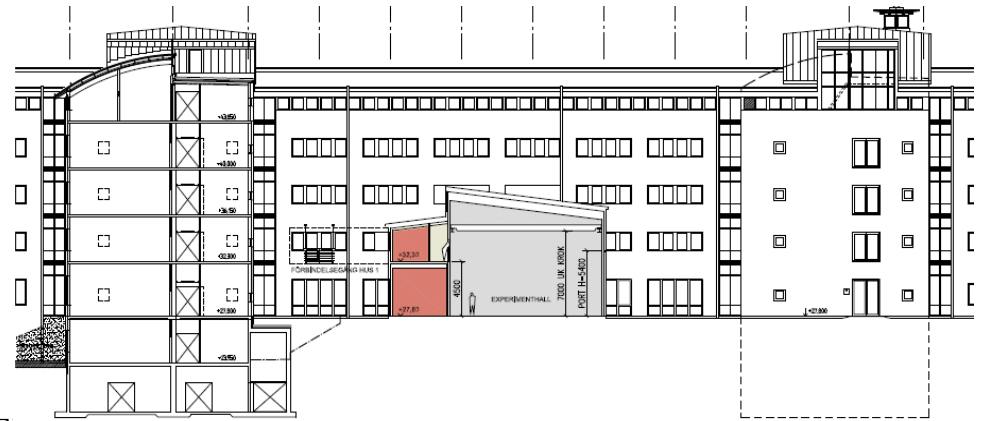
- New FREIA Subdepartment
  - Head: Tord Ekelof
  - Project leader: Roger Ruber
- Finances: KAW 40M, UD 25M+25M, ESS 60M + UU
- Personnel
  - Now: Rutambhara Yogi, Rolf Wedberg, Konrad Gajewski, Tor Lofnes, Anders Rydberg, Dragos Dancila, Marek Jancewicz, VZ
  - 15 Jan: Lars Hermansson, Rocio Santiago Kern
  - May: Vitaliy Goryashko
- Location: move temporarily to A81xxx rooms from end of January and later into the FREIA hall



# FREIA building



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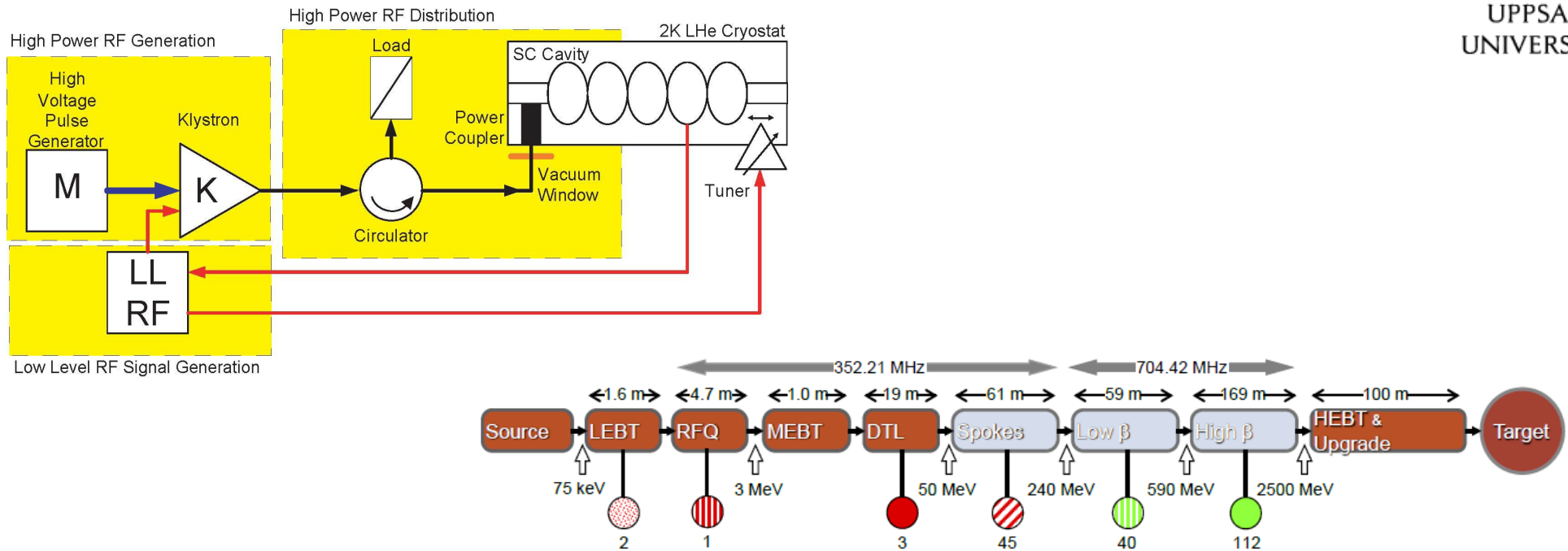
Hus 7

FREIA-Hallen

Framtida utbyggnad

120110, V. Ziemann

# What's it about?



## Writing of RF distribution system for TDR in 2012

- ESS RF distribution system development in FREIA hallen
  - Originally 704 MHz, but delays at ESS
  - Start with 352 MHz system and later 704 MHz



# Timeline

- 12Q1/2: RF system design for TDR
- 12Q1/2: Tender for LHe Cryoplant
- 12Q3/4: Order components
- 13Q3: Move in to FREIA hall
- 13Q4: Delivery and installation of cryoplant and RF components
- 13Q4 and later: RF system test
- Why delayed? May 2011, pulse length 2->2.9 ms and rep-rate 20->14 Hz, late tendering, Akademiska Hus price hike.