Working Group	Main or Emerging Topics	Challenges & Needs	Opportunities
Quantum Materials	big topic: frustrated systems, new topic: alter magnets	neutron-compatible samples reuire special competence (crystal growth, multi crystals, alignment instruments) similar to deuteration and corresponding hubs / platforms e.g. Deunet. Data challenges include handling large data sets but also obtaining normalisation / absolute units consistently (quality label); improving neutron availability ('training student instrument time', digital twin), access and provding diffraction experiments first.	profite from available funding scheme (such as 'nephews').
Soft Matter, Life Science, Health	food science (industry)	in-situ, in-vivo, extreme conditions; multi-probe experiments; structure and dynamics (obtained in consistent workflow); multi-stakeholder (facilities, universities, industry), but topical expert-driven; instrument-specific needs must be clear.	custom-made sample environment ; multi-source required (small, big); bring experts together; create networks / hubs to tackle big problems efficiently
Materials	applied materials, complex systems	dedicated resources for applied research (with industry, KPI for societal impact); complex in-operandi experiments and combination of methods.	database of staff expertise and open positions; mobility and sustainable careers; tailored instrument set-up and sample environment; resources for 'full' (big) data handling and analysis; community willing to share software and AI tools
Universe Essentials and Society	WG covers very broad scientific topics	increasing need for data analysis/interpretation done by neutron facilities (full service b¥ facility scientists); scientifically diverse review panels to balance applied and fundamental science; visibility of available infrastructure; stable long-term RI strategy.	RI Actions: reinforce PhD and PostDoc programs; open-mindedness for new ideas/groups; help building own groups; reinforce education programs; travel support for young researchers. University Actions: fight decrease of neutron-related posts; reinforce neutron scattering teaching; strengthen link to students. Strategy Actions: ensure RI availability (ILL, ESS, small university sources); benefit from NuPECC network