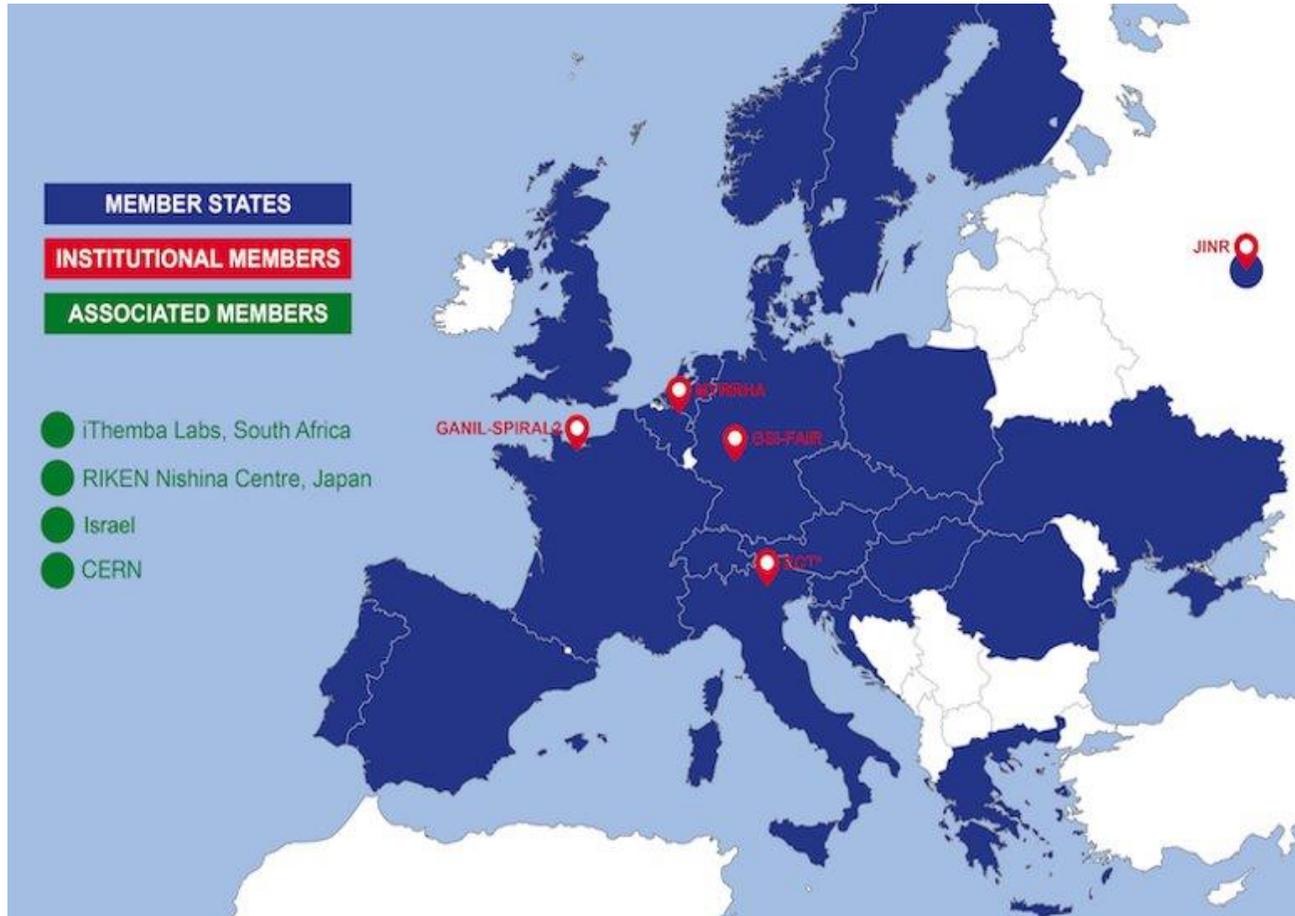


NEWS on NUPECC. CPAN, 3 October 2023

Joaquin Gómez Camacho, CNA/U. Sevilla

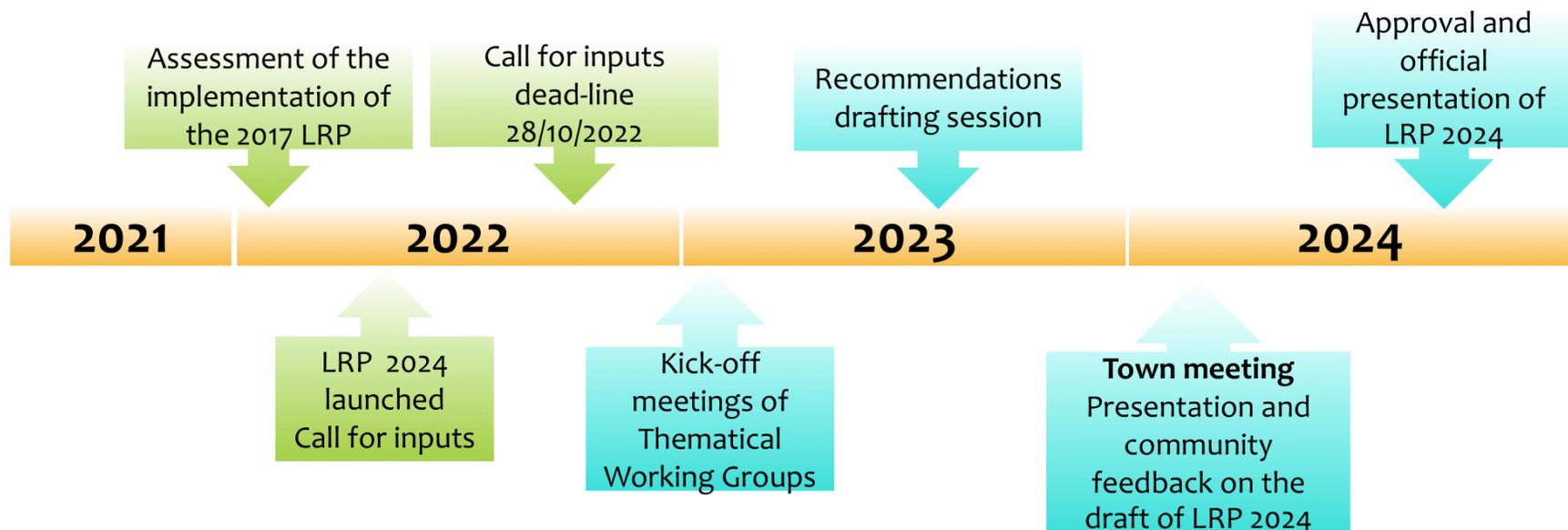


General Information

- <http://www.nupecc.org/> Regular meetings in european countries. Last one 105 in Ljubljana, Eslovenia.
- Joint actions with Particle (ECFA) and Astroparticle (APPEC) communities. JENAS meeting 3-6 May 2022 <https://indico.cern.ch/event/1040535/>
- Key European projects for nuclear physics: STRONG2020 (Hadronic physics, HI), EUROLABS (Structure & Reactions, Particle Physics Detectors and accelerators).
- Report on “Nuclear physics in everyday life”. https://nupecc.org/pub/np_life_web.pdf
- Previous reports: Nuclear physics for medicine <http://www.nupecc.org/pub/npmed2014.pdf>
- Publication: Nuclear Physics News
- Public awareness in nuclear science <http://www.nupecc.org/pans/> UHU, CNA, IFIC, UPC

Long range Plan 2024

- Long range plan 2017 assesment completed. <http://www.nupecc.org/pub/lrp17/lrp2017.pdf>
- Long range plan 2024 launched. <https://nupecc.org/index.php?display=lrp2024/twg>
10 Working groups with a significant spanish participation already working.



Survey on Nuclear Physics (experiment and theory)

Survey of Nuclear theory (2021). http://www.nupecc.org/snt/meissner_sep21.pdf

JINR-Dubna excluded

Survey on experimental nuclear physics ongoing (2023). Coordinator: JGC (Includes gender)

	Perm Staff	Temp (Postdoc)	PhD student	Total
Europe Theory	536	266	415	1217
Spain Theory	66	21	30	117
Europe Exp	2102	757	1384	4243
Spain Exp	101	30	62	193

How many nuclear physicists are there?

In Spain 310; In Europe 5460

What is the ratio of experimental/theory?

In Spain 1.65; In Europe 3.48

What is the ratio Phd students/staff? (Long term future of Nuclear Physics; Funding)

In Spain 0.55; In Europe 0.68

What is the ratio PD/staff? (Short term future of Nuclear Physics; Funding)

In Spain 0.31; In Europe 0.39

Ratio men/women (experimental survey)

In Spain 3.39; In Europe 2.85

Ratio Applications/all experiment (experimental survey)

In Spain 0.36; In Europe 0.27

Evolution in time (NUPECC study of selected countries, including all major ones)

	1997	2006	2021-2023
Europe Exp	2980	2865	3394
Spain Exp	44	93	193
Europe Theory	1007	843	1036
Spain Theory	91	88	117

Nuclear Physics in NuPECC Mem. & Ass. Mem.

Total Researchers: 5676; Perm. Staff: 2680
Total European Members: 5346; Perm. Staff: 2562

MEMBER STATES

INSTITUTIONAL MEMBERS

ASSOCIATED MEMBERS

- iThemba Labs, South Africa 201
- RIKEN Nishina Centre, Japan 74
- Israel 55
- CERN 112

