

Summary: NASE STATISTICS

NASE organized (December 2024)

- 444 international courses, in 68 countries
- 72 courses in co-operation, in 7 countries more
- Total 75 countries

NASE prepared (December 2024)

- 102 NASE local working groups had been created involving 1100 NASE members (47 IAU members and 1053 non IAU members)
- 15 691 teachers involving between 11 609 300 and 5 804 700 students (in average a teacher between 100 and 200 students per year)



Africa

Countries in Africa	from	LWG	Courses	Teachers	Students
Algeria	2021	1	3	81	24600
Benin	2021	1	5	77	25000
Cape Verde	2023	1	1	40	8000
Egypt	2020	1	8	396	100400
Etiopia	2018	1	3	102	57600
Ghana	2013	1	3	50	84800
Guinea Conakry	2022	1	2	23	7400
Ivory Coast	2022	1	2	28	8600
Kenya	2013	2	2	68	83200
Mauritania	2021	1	5	43	18000
Mozambique	2024	1	1	25	5000
Sao Tome e Principe	2021	1	1	18	3600
Senegal	2019	1	5	218	68600
South Africa	2024	1	1	35	7000
Tanzania	2019	1	4	104	50800
Togo	2020	1	6	148	48800
Tunis	2017	1	2	72	63000
Uganda	2019	1	2	62	37200
Zambia	2019	1	1	24	14400
19		20	57	1614	716000

America

Numbers NASE summary

Countries in America	from	LWG	Courses	Teachers	Students
Argentina	2010	8	48	1440	1633400
Bolivia	2012	2	4	317	516200
Brazil	2012	4	11	387	438600
Chile	2017	1	2	88	42200
Colombia	2009	5	24	861	1119400
Cuba	2014	1	2	51	70800
Ecuador	2009	1	11	636	646000
Guatemala	2012	2	15	579	723000
Honduras	2011	1	13	675	779400
Mexico	2013	2	13	356	390200
Nicaragua	2010	1	14	443	593800
Panama	2011	2	16	313	279600
Paraguay	2011	1	9	227	324400
Peru	2009	2	7	341	590500
Puerto Rico	2019	1	1	45	27000
Dominicana Rep.	2020	1	6	225	72400
Salvador	2019	1	5	96	65800
Uruguay	2012	1	3	81	150400
USA	2015	3	4	94	76600
Venezuela	2021	1	3	762	223600
20		41	211	8017	8312700

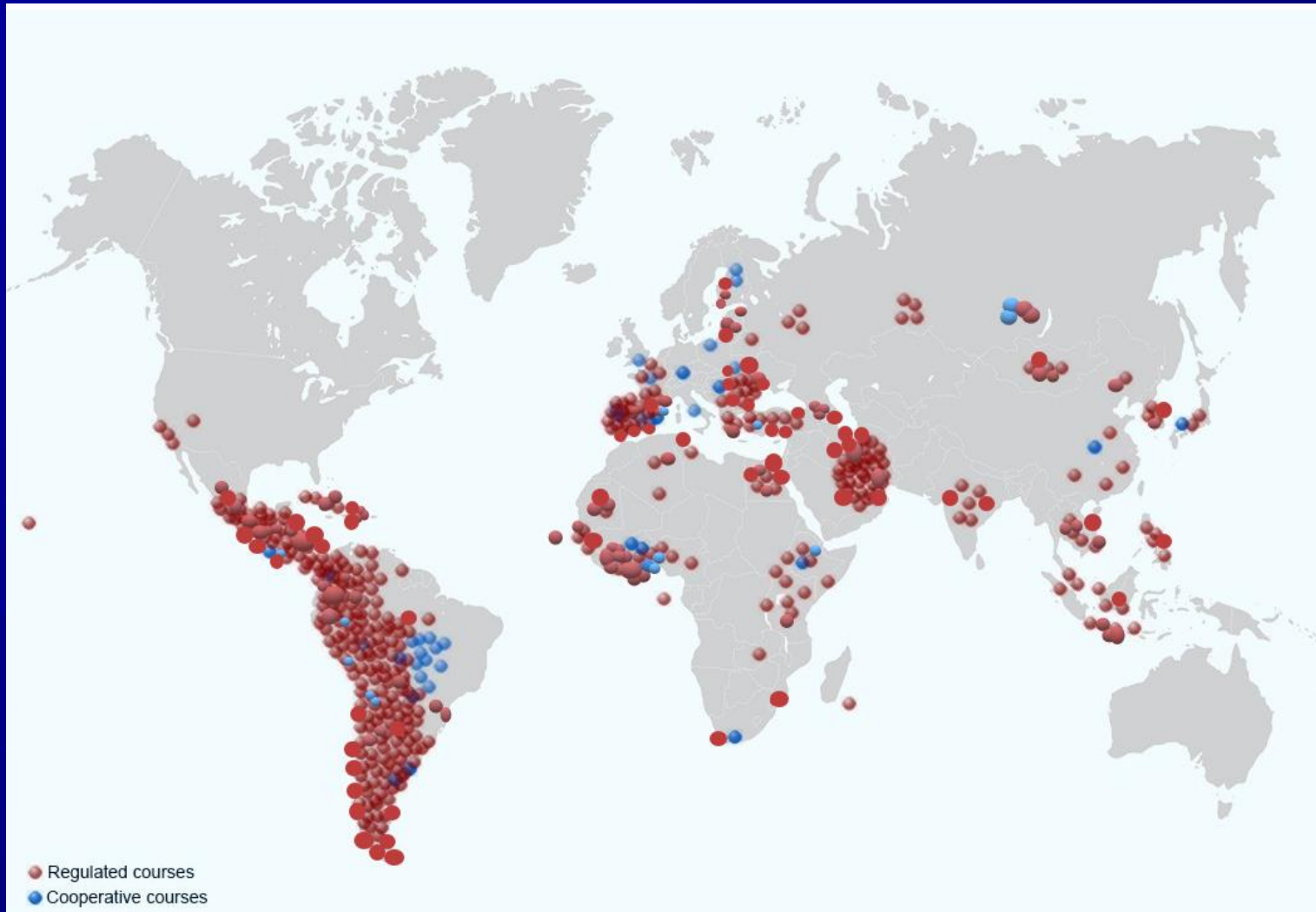
Asia

Countries in Asia	from	LWG	Courses	Teachers	Students
Armenia	2019	1	6	165	103400
Cambodia	2022	1	1	84	33600
China	2013	1	6	242	239200
India	2021	2	7	138	31000
Indonesia	2016	3	8	321	143400
Iran	2019	2	40	1271	591600
Japan	2019	1	2	38	21600
Malaysia	2021	1	1	9	1800
Mongolia	2019	2	6	529	303000
Philippines	2020	1	5	394	118400
South Korea	2021	1	6	100	42400
Thailand	2019	1	2	165	73200
Timor-Leste	2022	1	1	25	10000
Vietnam	2021	2	5	456	245800
14		20	96	3810	1232200

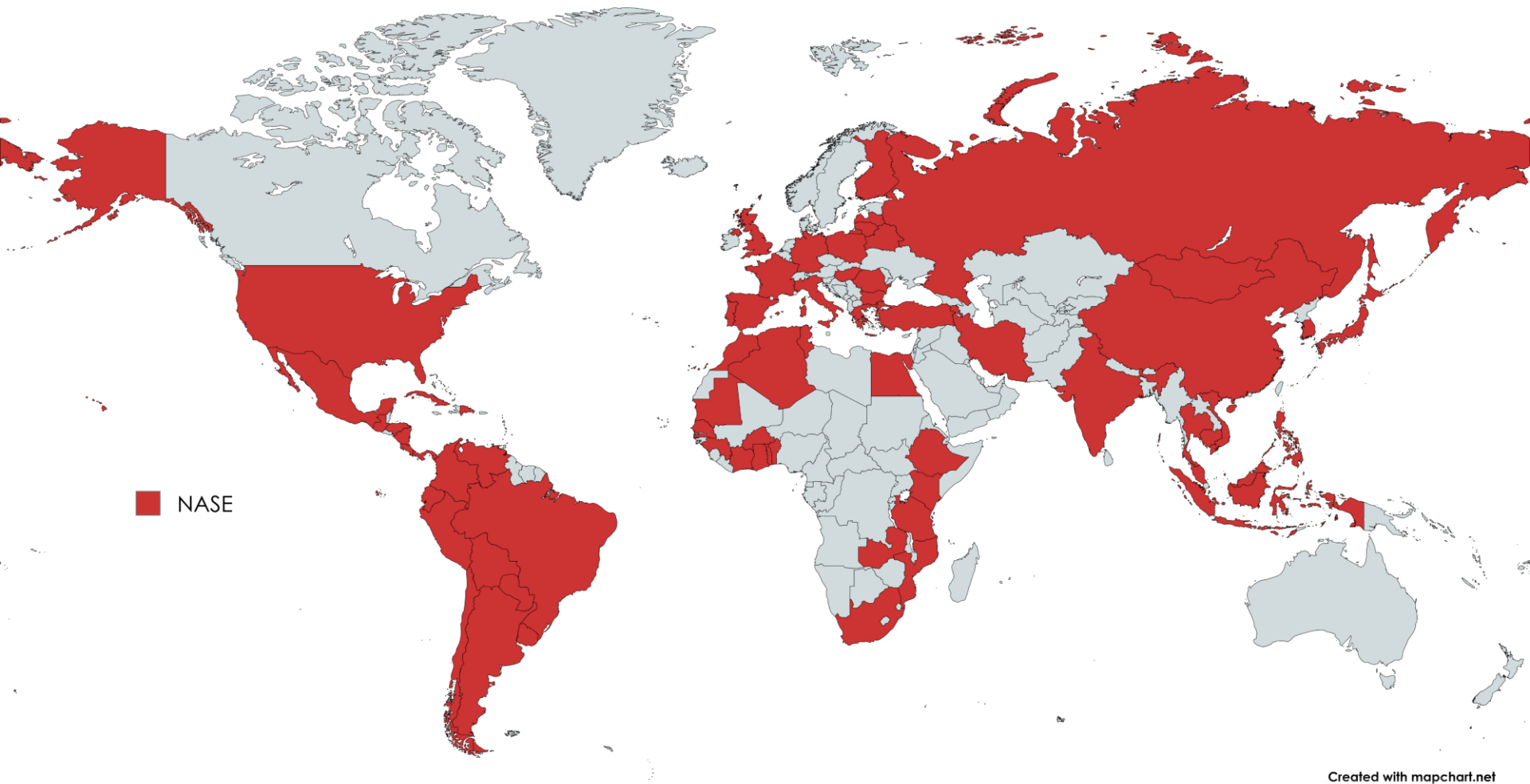
Europe

Countries in Europe	from	LWG	Courses	Teachers	Students
Belarus	2021	1	1	26	3200
Bulgaria	2021	1	4	235	106000
Finland	2023	1	2	20	6000
France	2022	1	4	131	75400
Greece	2021	1	3	312	68200
Hungary	2021	1	3	50	16400
Latvia	2022	1	2	56	17200
Lithuania	2022	1	2	188	66200
Portugal	2018	2	8	119	50000
Romania	2014	1	12	483	398000
Russia	2019	3	10	211	92000
Spain	2016	6	21	708	415200
Turkey	2021	1	8	94	34800
13		21	80	2261	1348600

Courses (December 2024)



Countries (December 2024)



Created with mapchart.net



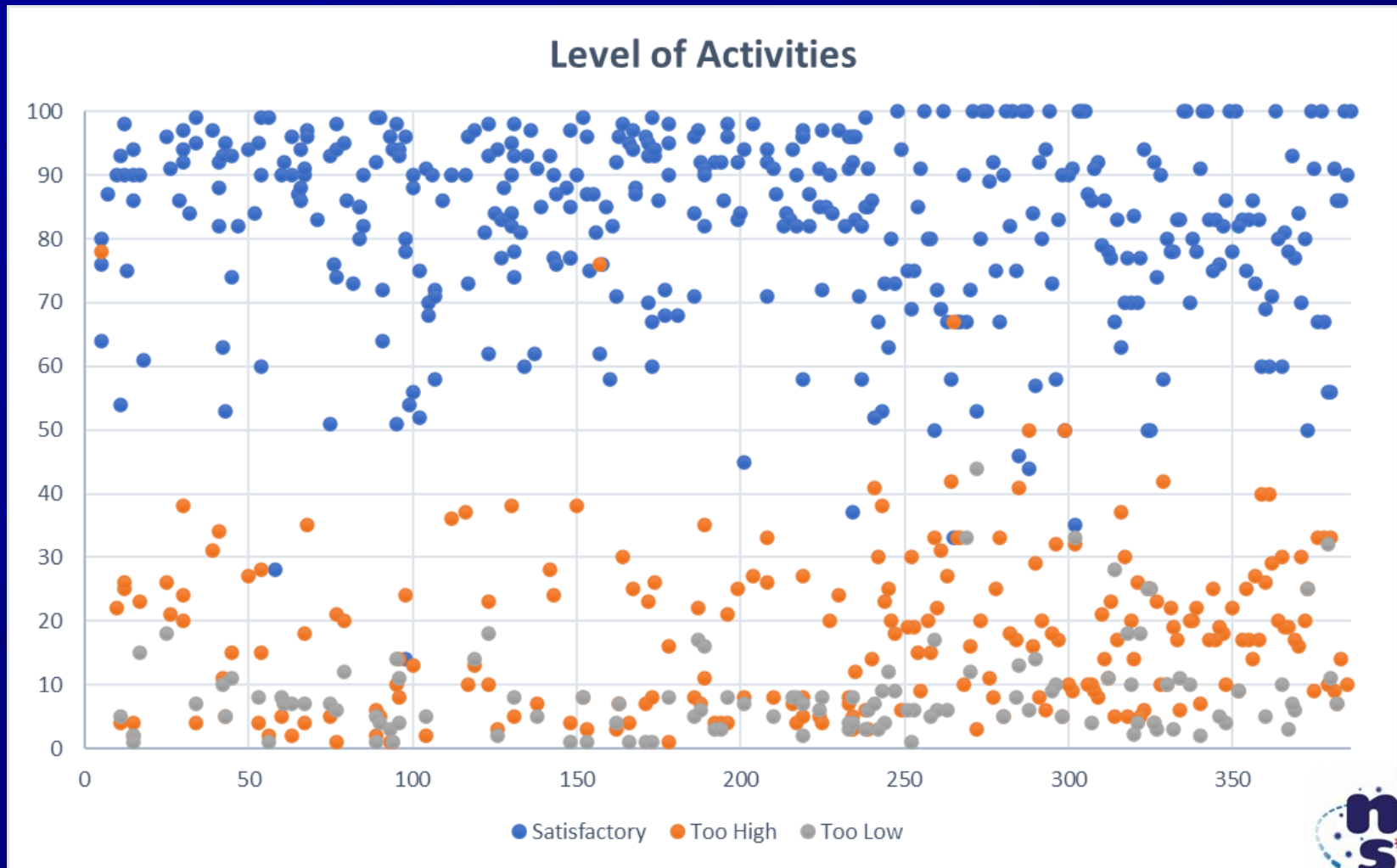
Connexions (December 2024)



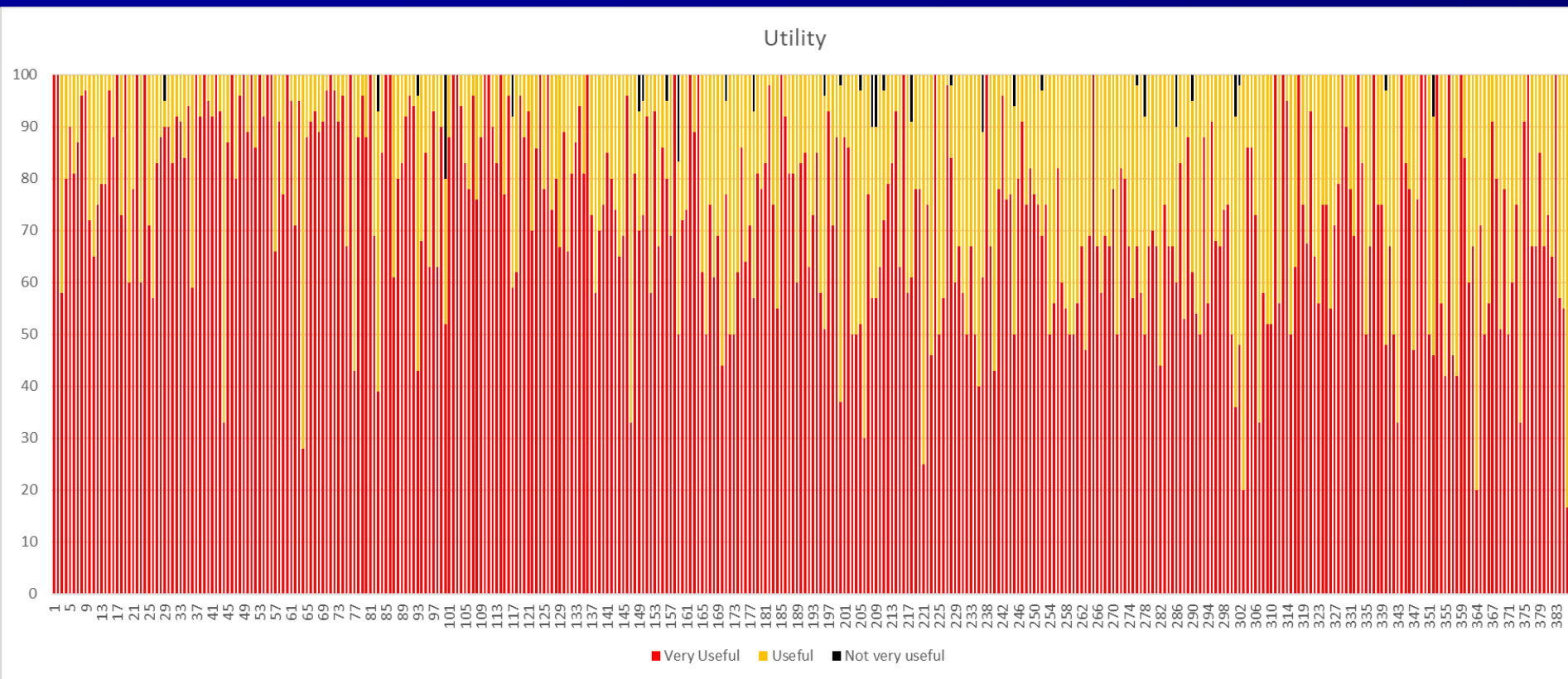
3 types of Evaluation:

- * 1) **satisfaction** when the course finishes
- * 2) **pre-post** evaluation at the beginning and at the end of the course
- * 3) **retrospective** opinion questionnaire after several years

1) satisfaction questionnaire: level of activities



1) satisfaction questionnaire: utility



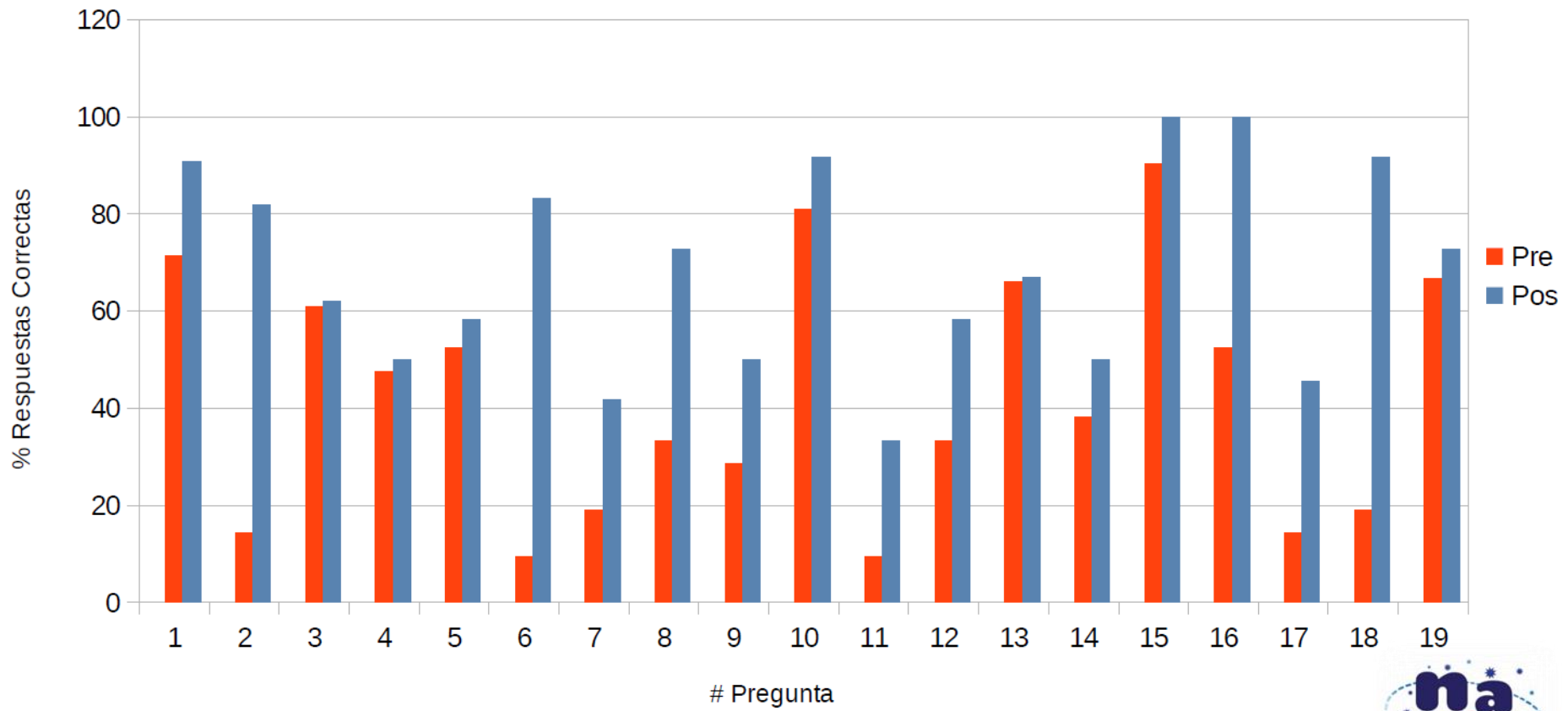
THE PARTICIPANTS OF 386 COURSES HAVE
EVALUATED THE COURSE AS USEFUL OR VERY
USEFUL IN ORANGE AND RED (NOT USEFUL IN BLUE)



2) pre-post results

Evaluación Pre-Pos

Zapala-Neuquén 2023



3) retrospective questionnaire:

Have you applied any of the lessons done?

Yes	No
90%	10%

Have you used the documentation given in the training session?

Yes	No
94%	6%

After the course, has your concept about astronomy changed?

Yes	No
88%	12%



3) retrospective questionnaire:

Which of the final objectives of the project do you think are really covered by the lessons?

	Yes	No
Using astronomy to promote education and provide pupils with skills in science and technology worldwide	100%	0%
Promote respect for cultural astronomy and learn the presence of astronomy in daily life	94%	6%





"I hear and I forget.
I see and I learn.
I do and I understand "

Confucius 551 aC – 478 aC



**Thank you
very much for
your attention!**

<http://www.naseprogram.org>

