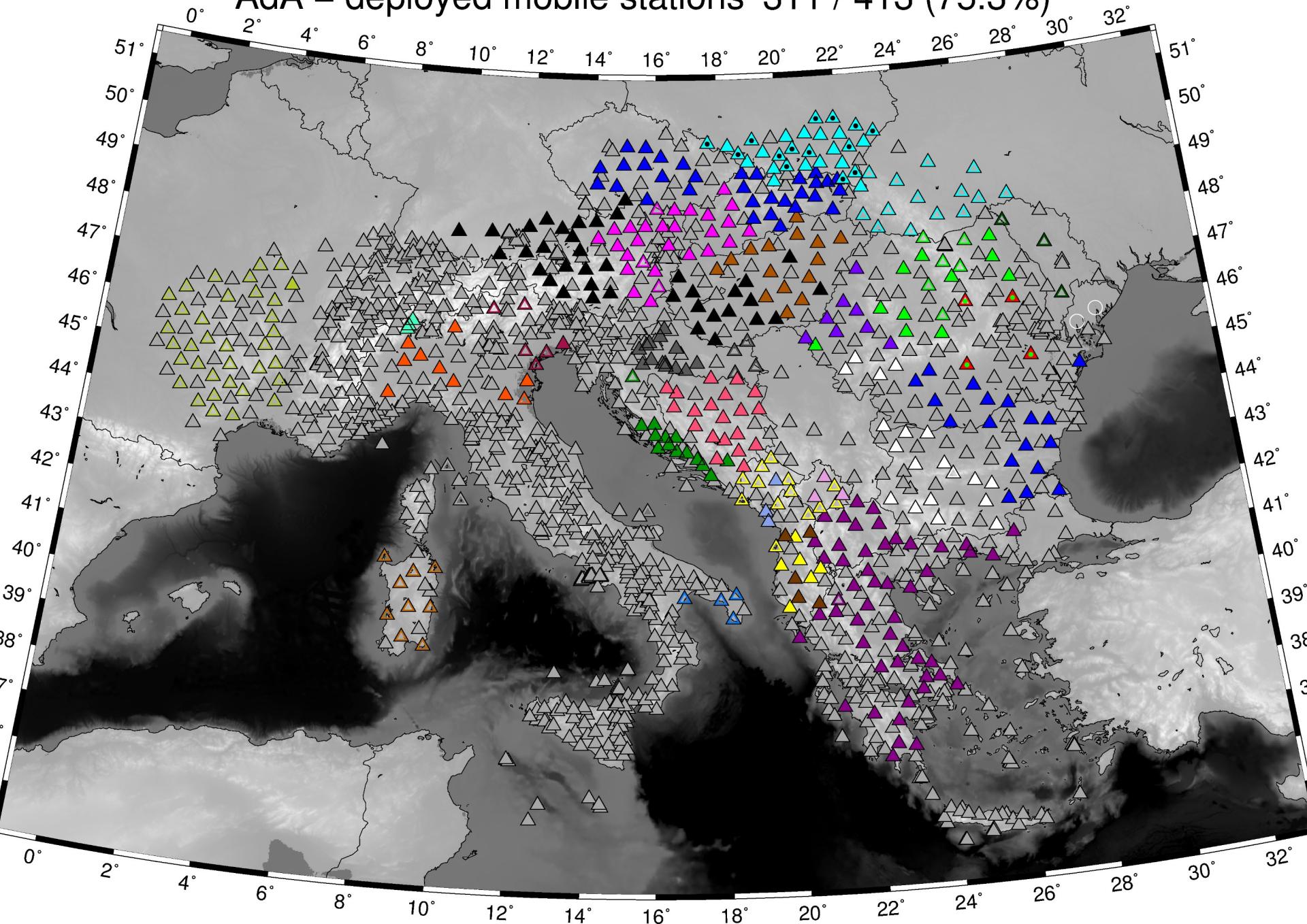


AdA – deployed mobile stations 311 / 413 (75.3%)



Status of the AdriaArray Seismic Network

Petr Kolínský (Institute of Geophysics, Czech Academy of Sciences, Prague)

Thomas Meier (Institute for Geosciences, Kiel University)

&

the AdriaArray Seismology Group

AdriaArray Workshop, April 3-5, 2023, Dubrovnik

The workshop is partly supported by ORFEUS & EPOS within the EPOS SP project (Horizon 2020 Grant Agreement No. 871121)



INSTITUTE OF GEOPHYSICS
OF THE CZECH ACADEMY OF SCIENCES

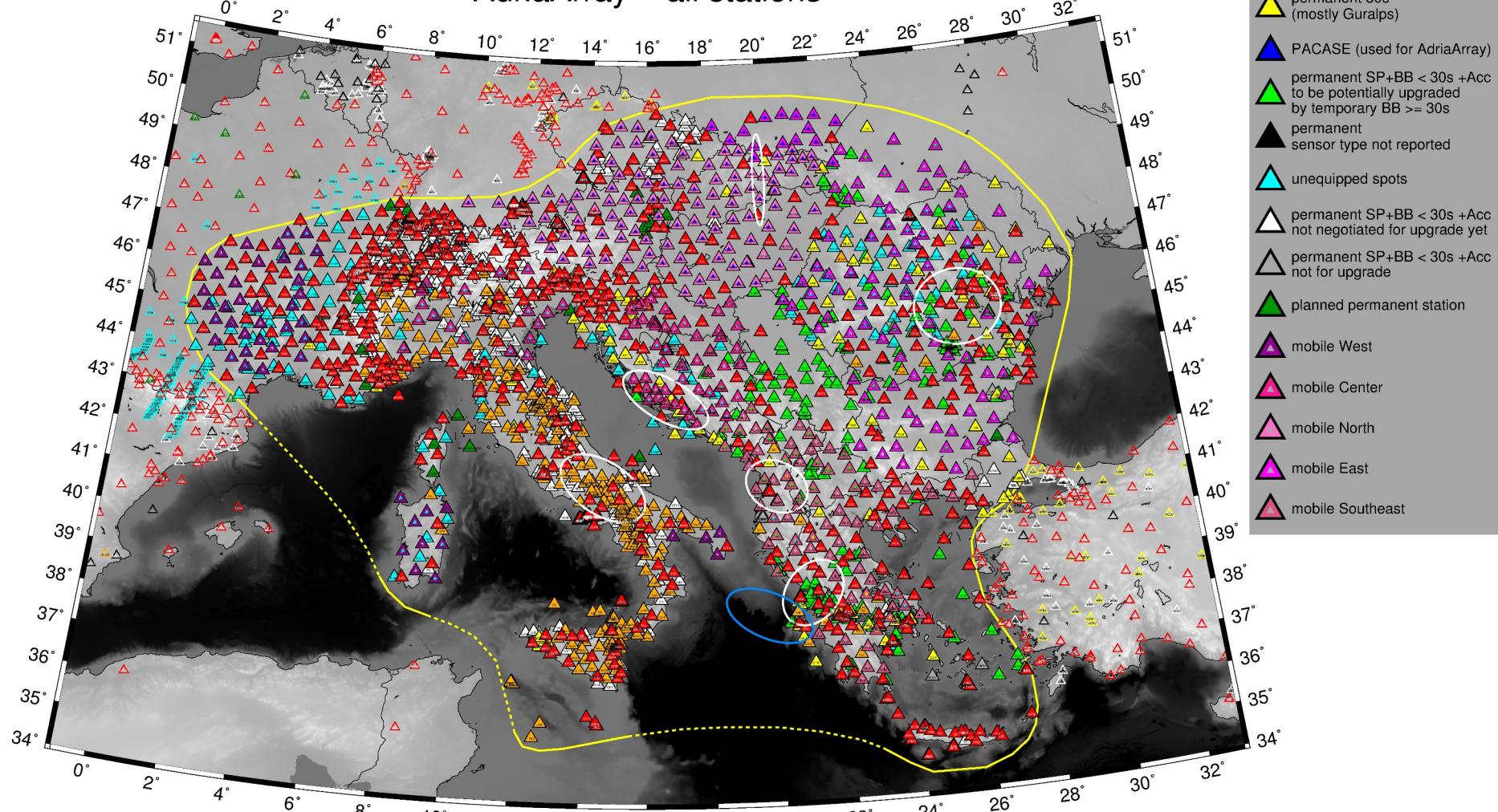


inside AdriaArray region:

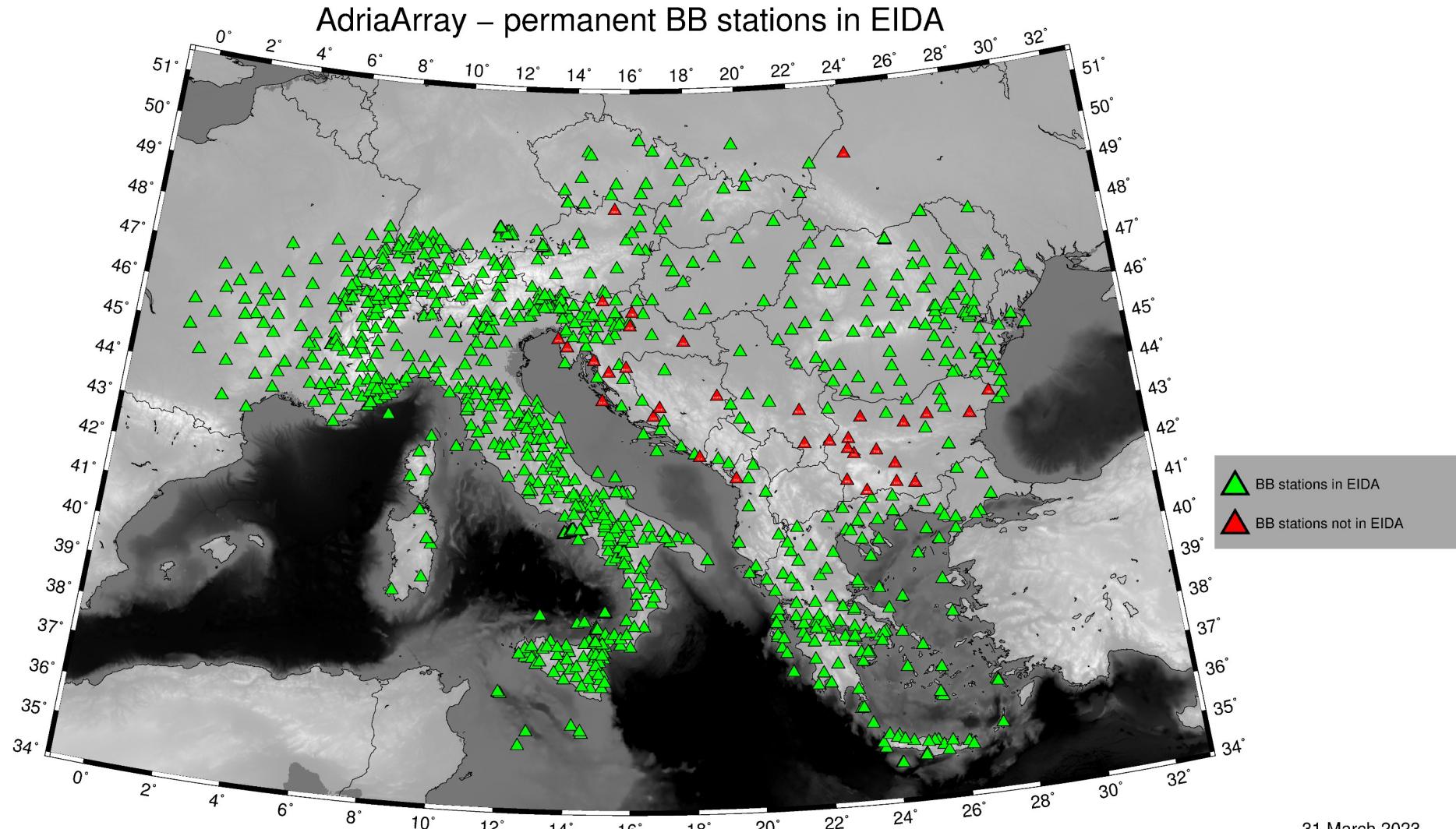
BB (>= 30s) = backbone	994
SP+SM for upgrade	252
SP+SM others	453
unknown	0
planned permanent	17
total existing permanent	1699

(there are 2400+ stations on the map
including those outside the AdriaArray region)

AdriaArray – all stations



from that **994** permanent stations, **960** are already in EIDA (96.6%)
=> 34 are not in EIDA
(still talking about the backbone, meaning 30s+ corner period)



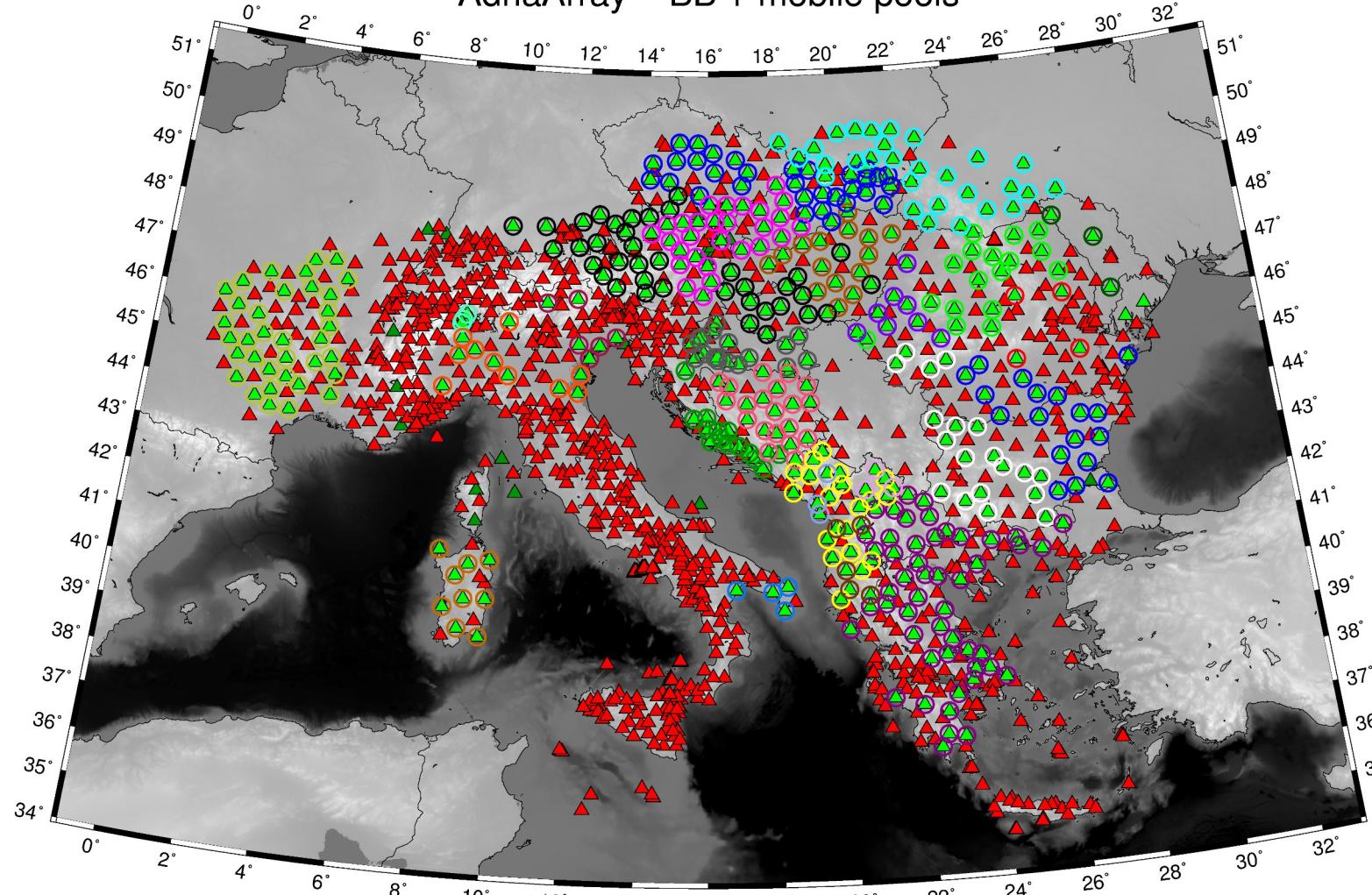
mobile pools assigned to the stations

413 BB mobile stations

994 BB permanent stations --> **1407 BB stations in total**
+ local experiments



AdriaArray – BB + mobile pools



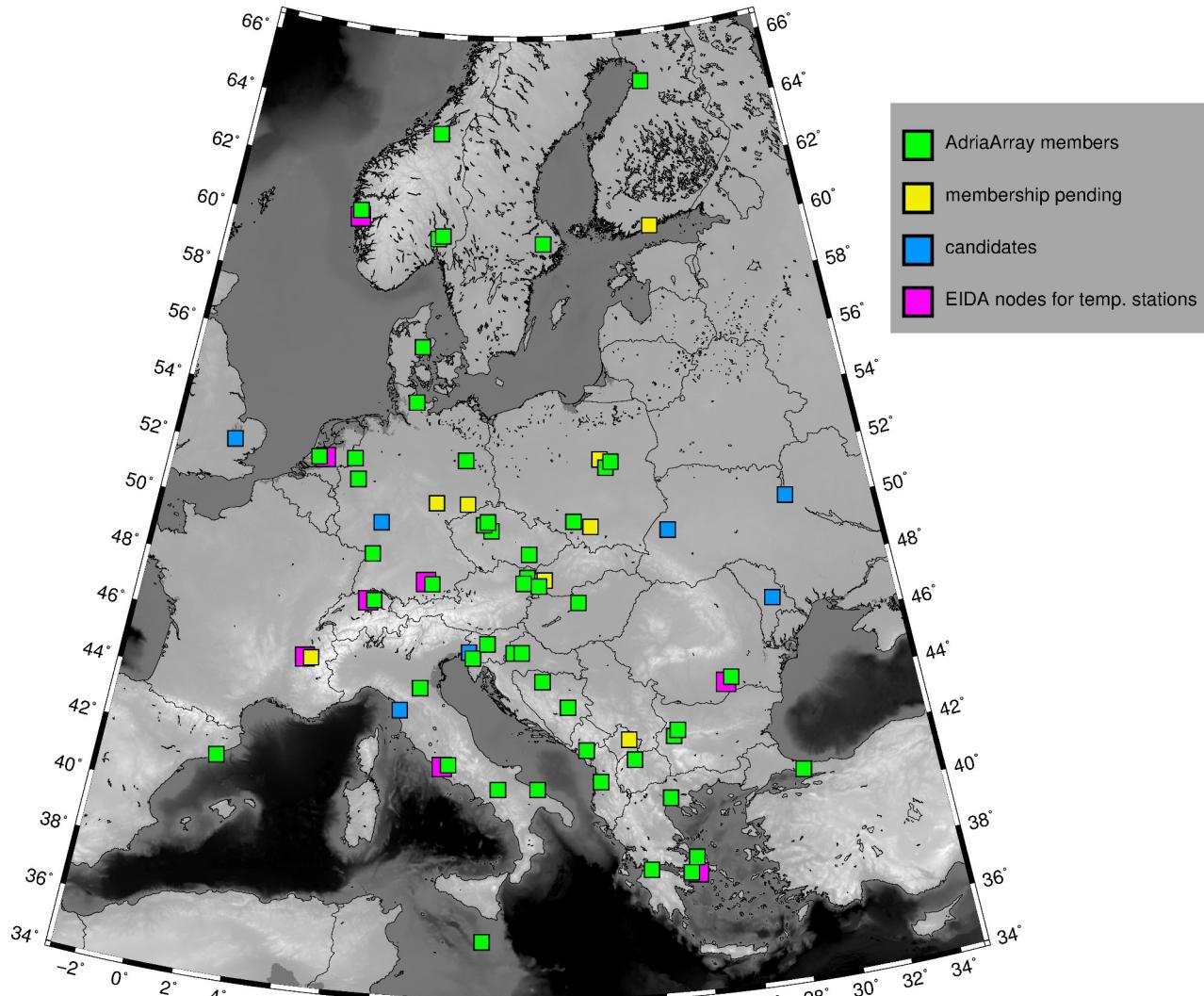
MOBILES		REGION							
EAST	Poland	Ukr.-Carp.	Ukr.-Coast	Moldavia	Romania	Bulgaria	sum columns	available	spare
	IG CzechRep				8	10	18	18	0
	IRSM Czech Rep				4		4	0	-
	Denmark				4	15	19	19	-
	Helsinki				16		16	20	-
	NIEP			3			3	3	-
	Oulu				9		9	10	-
	???		2				2	0	-
	Poland	15	14				29	29	-
							100	99	-
sum of rows	15	14	2	3	41	25	100 sums	available	spare
needed	15	14	2	3	41	25	100 needed		
30s NOT replaced									
NORTH	CzechRep	Austria	Slovakia	Hungary	Serbia	Germany	sum columns	available	spare
	UniWien		19	9			28	30	-
	IG CzechRep	13		19			32	35	-
	EPSS H PACASE				11		11	11	-
	EPSS H new				4		4	4	-
	Kiel		15		15	8	38	40	-
							113	120	-
sum of rows	13	34	28	30	0	8	113 sums	available	spare
needed	13	34	28	30	0	8	113 needed		
CENTER	Croatia	BiH	N. Italy	Slovenia			sum columns	available	spare
	NorwPool+Zag	13	1				14	14	-
	CroSeismSurvey	19					19	19	-
	ETH		20				20	20	-
	OGS			6			6	6	-
	INGV Bologna			3			3	3	-
	the Netherlands			10			10	10	-
							72	72	-
sum of rows	32	21	19	0			72 sums	available	spare
needed	32	21	19	0			72 needed		
SOUTHEAST	Albania	N. Macedonia	Montenegro	Kosovo	Greece		sum columns	available	spare
	Bochum		13		37		50	54	-
	Munich	9		7	3		19	20	-
	KIT	5					5	5	-
	Kosovo Pool			3			3	3	-
	Montenegro Pool			3			3	3	-
							80	85	-
sum of rows	14	13	10	6	37		80 sums	available	spare
needed	14	13	10	6	37		80 needed		
WEST	Apulia	Sicily	Sardinia	Massif Cent.	Switzerland		sum columns	available	spare
	Spain	4					4	5	-
	GIPP			9			9	9	-
	France				35		35	35	-
							48	49	-
	sum of rows	4	0	9	35	0	48 sums	available	spare
	needed	4	0	9	35	0	48 needed		
							total needed	413 total available	425

AdriaArray Seismology Group

42 members == 49 member institutions

63 interested institutions from 29 countries

AdriaArray institutions



MEMBER INSTITUTIONS:

IGEWE-PUT, Tirana, Albania
Uni Vienna, Austria
ZAMG, Austria
SC FHMZ, Sarajevo, Bosnia and Herzegovina
GS Republic of Srpska, Bosnia and Herzegovina
NIGGG, BAS, Bulgaria
Uni Sofia, Bulgaria
CSS, Zagreb, Croatia
Uni Zagreb, Croatia
Charles Uni, Prague, Czech Republic
IG, CAS, Prague, Czech Republic
IPE, Masaryk Uni, Brno, Czech Republic
IRSM, CAS, Prague, Czech Republic
Uni Aarhus, Denmark
Uni Oulu, Finland
Uni Kiel, Germany
Karlsruhe I.T., Germany
LMU München, Germany
GFZ Potsdam, Germany
Uni Bochum, Germany
NOA, Greece
Uni Athens, Greece
Uni Thessaloniki, Greece
Uni Patras, Greece
EPSS, Hungary
INGV, Italy
OGS, Trieste, Italy
Uni Bari, Italy
Uni Sts. Cyril and Methodius, Skopje, N. Macedonia
Uni Malta
MSS, Podgorica, Montenegro
Uni Twente, the Netherlands
Norwegian Broadband Pool, Norway
IG PAS, Warsaw, Poland
Uni Silesia, Katowice, Poland
Uni Warszawa, Poland
NIEP, Romania
ESI SAV, Bratislava, Slovakia
SSS, Ljubljana, Slovenia
LabSis, Geo3Bcn-CSIC, Barcelona
Uni Uppsala, Sweden,
ETH, Zürich, Switzerland
KOERI, Türkiye
ORFEUS

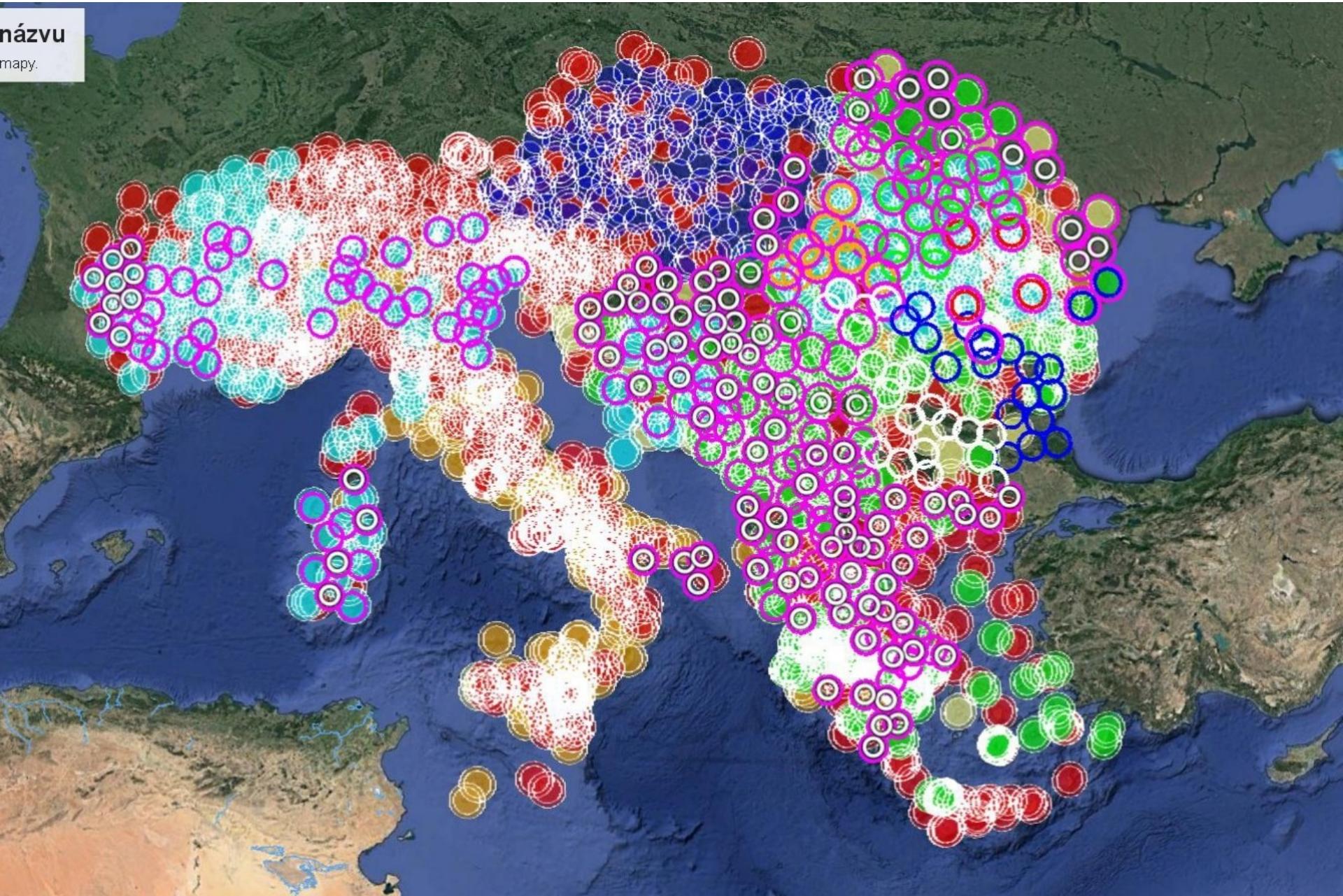
PENDING:

Uni Helsinki, Finland
RESIF-Sismob, France
TU Freiberg, Germany
Carpathian Project Grop (Jena, Polish Acad, Krakow, Slovakia)
GS Kosovo, Pristina, Kosovo

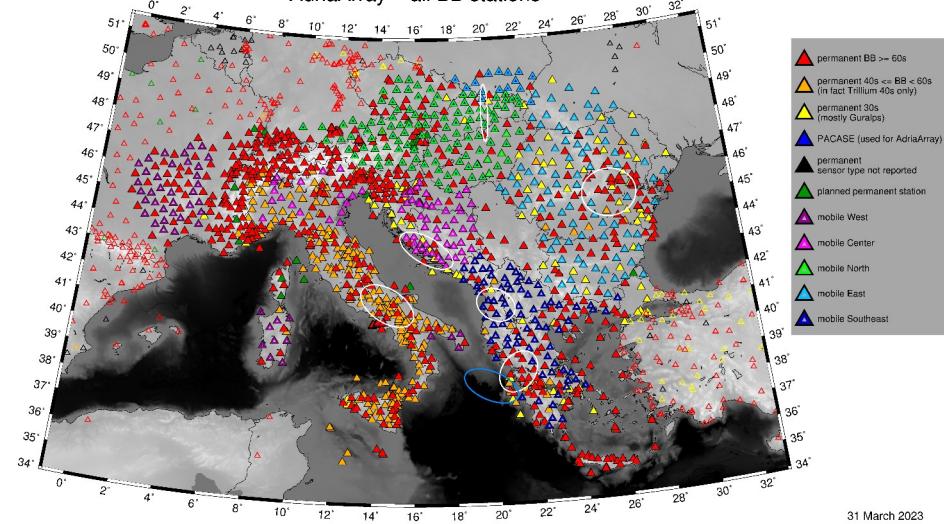
CANDIDATES:

Uni Frankfurt, Germany
Uni Trieste, Italy
Uni Pisa, Italy
IGS-CES, Chisinau, Moldova
IoG, NAS, Ukraine
Uni Cambridge, United Kingdom

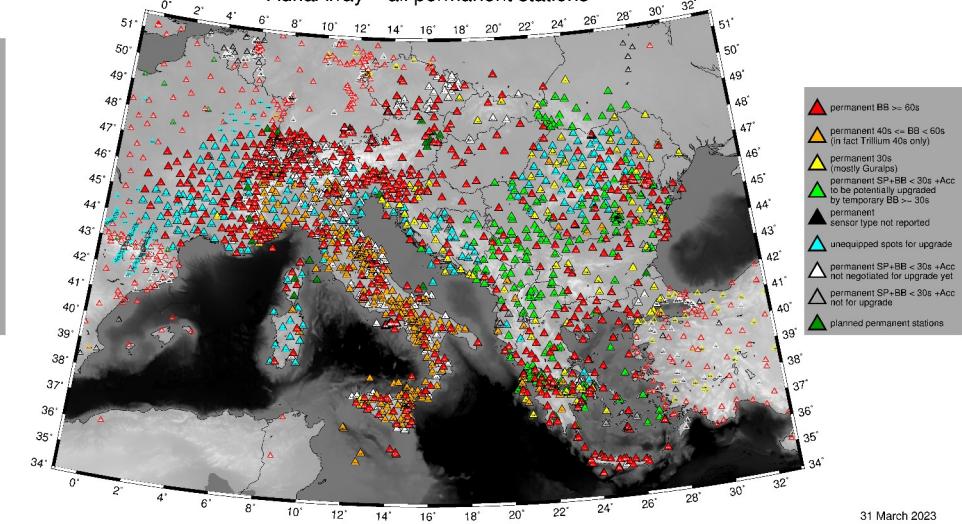
deployment of mobile stations – handmade in GoogleEarth



AdriaArray – all BB stations

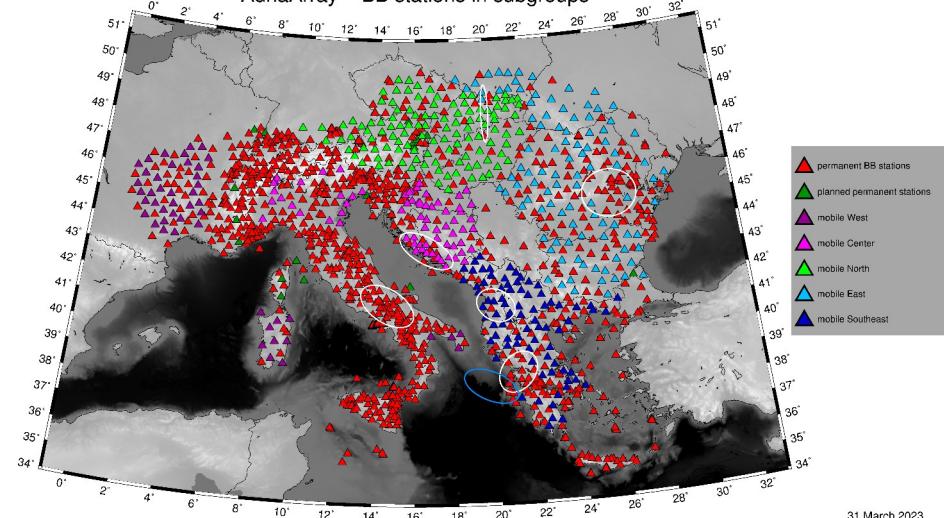


AdriaArray – all permanent stations

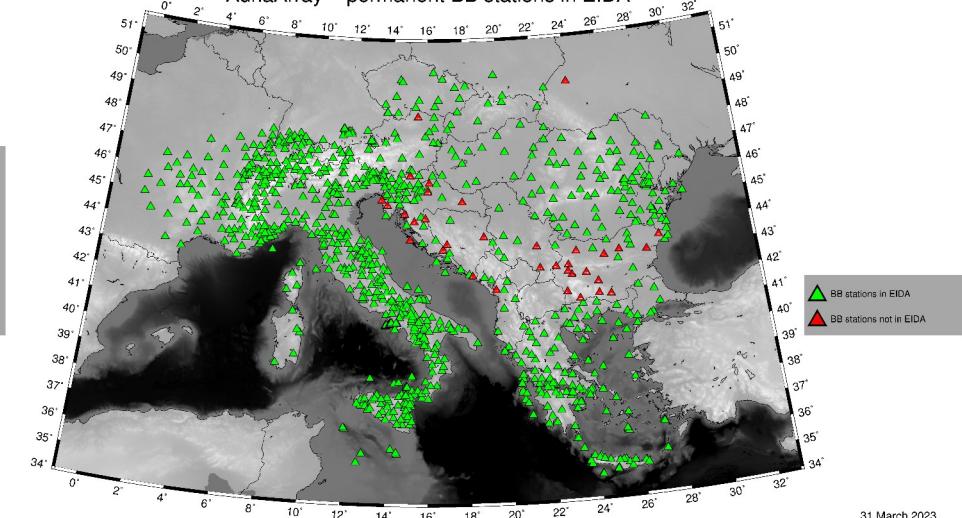


various versions of the map – different levels of information plotted

AdriaArray – BB stations in subgroups



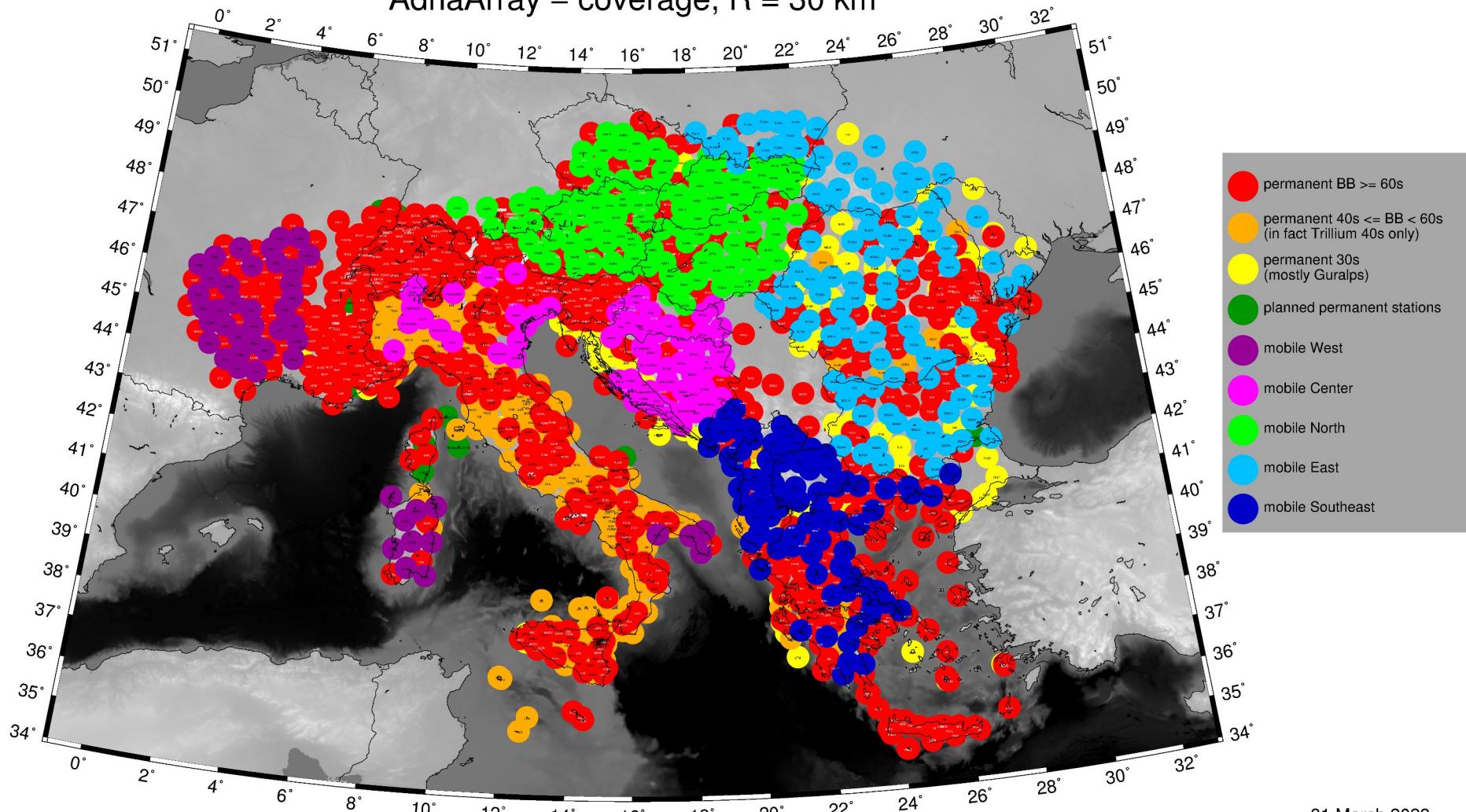
AdriaArray – permanent BB stations in EIDA



coverage

30 km

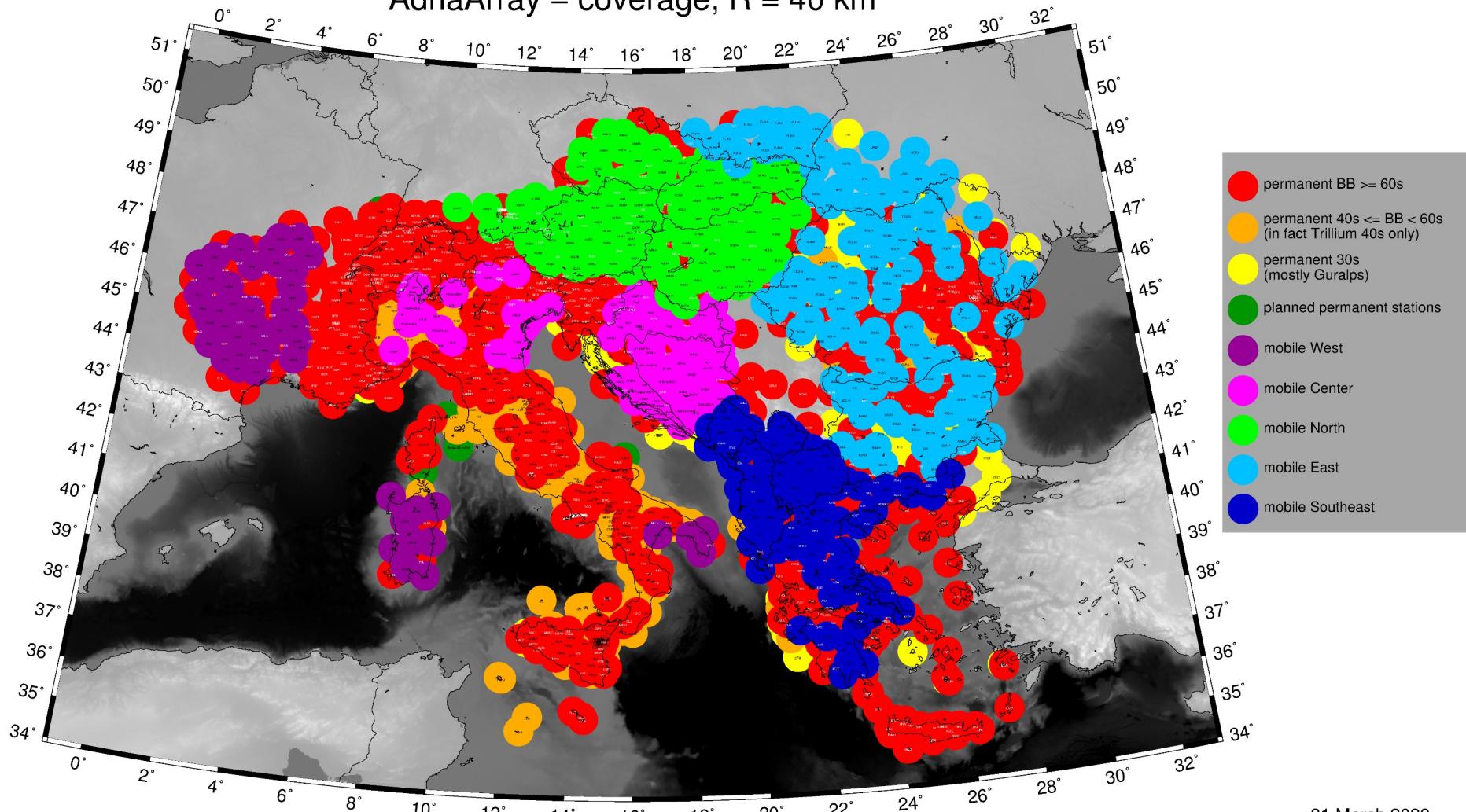
AdriaArray – coverage, $R = 30$ km



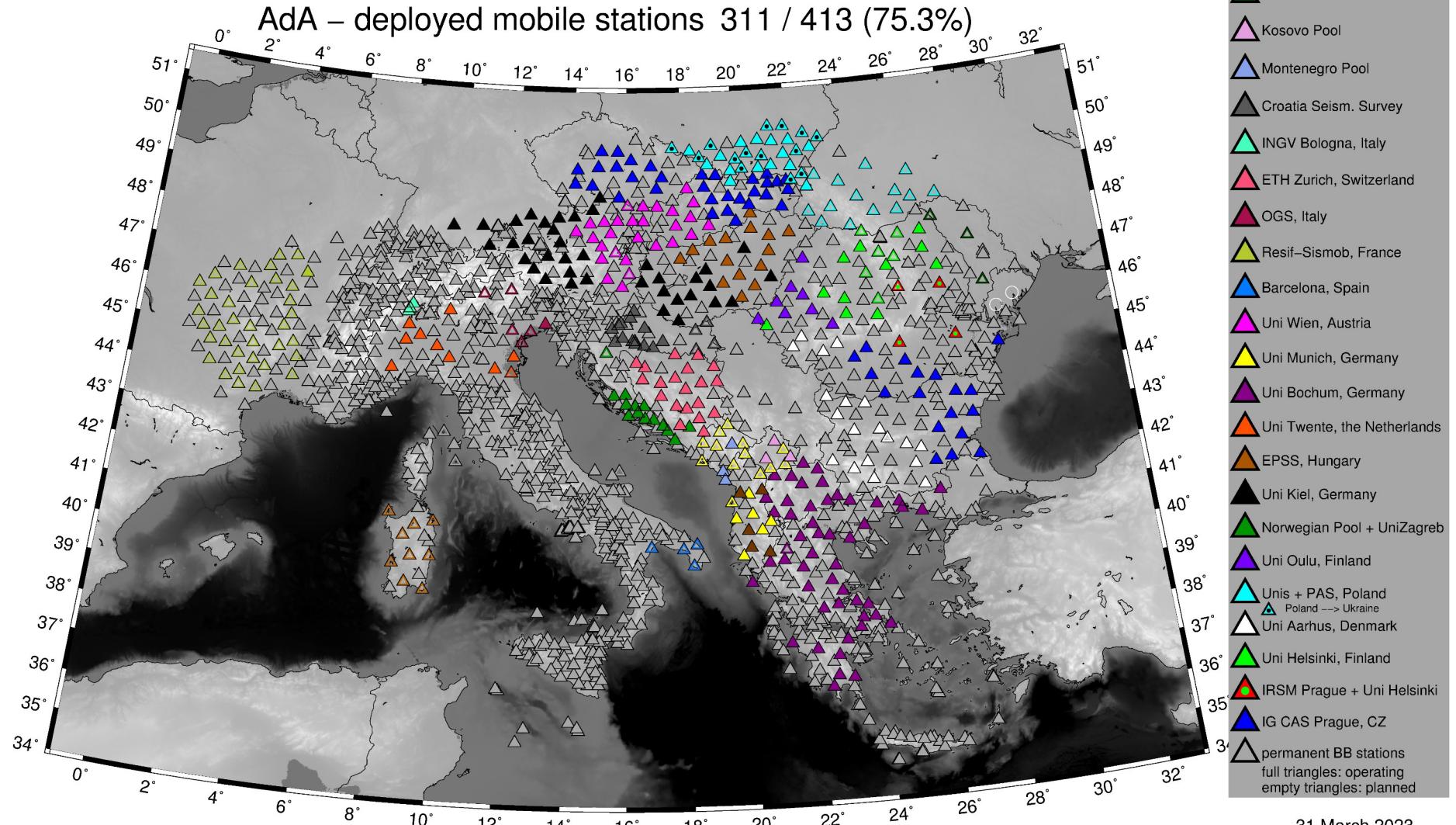
coverage

40 km

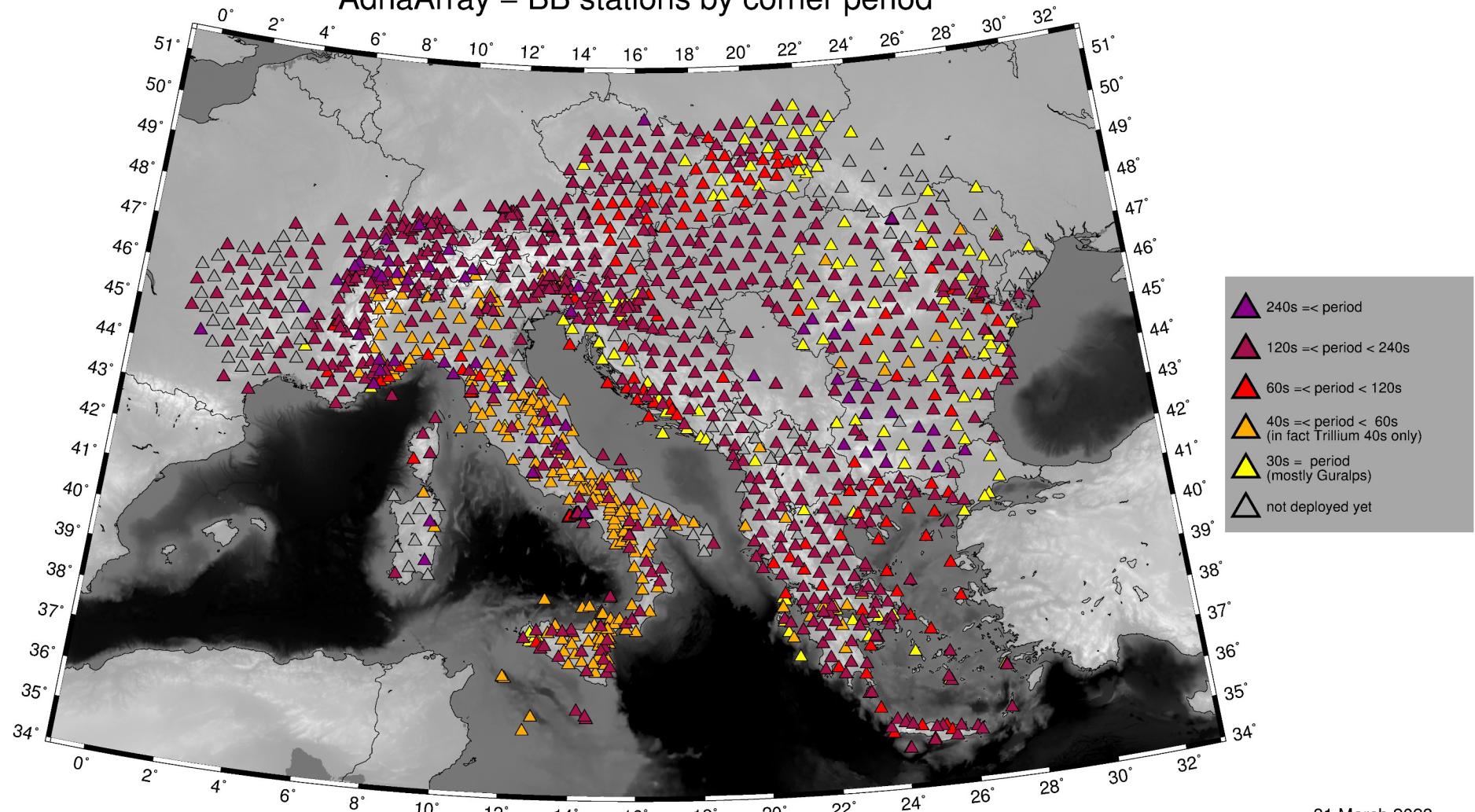
AdriaArray – coverage, $R = 40$ km



deployed stations



AdriaArray – BB stations by corner period



permanent station inventory: sheet of 2545 stations and spots (rows) x 25 “properties” (columns)

StationInventory.xls - OpenOffice.org Calc

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	difficulty				
1	name	Name					town	Deployment count*	Previous sheet	Round trip sensor period	name	Corner in [sec]	yes=1/no=0	name	Table if no=0	wors oper	operator	center	center	center	center	center	center	center	center	any			
2	Network	Name	Latitude	Longitude	Elevation	Show	Site name	Country	see remark on	Housing*	Sensor type	Corner period	Possible spot*	Digitizer	Amplifier	Qual.	Institution	Act p	Online	DA	DA	DA	DA	DA	DS	hrs	sup		
3	Network	station	WG584	WG584	[m]		village /				marketing	sensor low	if corner<60s	marketing	higher	active	network	responsible	yes=1/no=0	ID	DA	DA	DA	DA	DA	DS	hrs	sup	
79	HT	ALN	40.885	26.046	1		Alexandroupolis	GR		CMG-3ESP 100s (200s)	100			Janus-Trident 40 Vpp (Gain 1)						1									
80	BW	ALTM	48.995167	11.519922	0		Beijingries	D		Le3D-1	1																		
81	HU	AMBH	46.350100	20.725800			1 Ambrozfalva	H		G120	120																		
82	HL	AMGA	36.831561	25.893836			1 Amgorslstrand	GR	Building	concrete Lennartz20s+CMG-5T	20		0	SMART24	100	4 NOA	Evan	1	1 NOA	1	1								
83	HP	AMPL	38.9224	21.2135			1 Ampelaki	GR	Urban free field	concrete TrilCompact120s	120			Geobit SRi32	100	3 UPAT	Soko	1	1 NOA	1	1								
84	RO	AMRR	44.6102	27.3351	67	1	Amara	RO	Underground shaft	concrete CMG40T	30		1	Q330	100	3 NIEP		1	0	0	0								
85	HP	AMT	37.5324	21.7089			1 Artemida	GR	Free field	bedrock G120s	120			Guralp Minim	100	2 UPAT	Soko	1	1 NOA	1	1								
86	IV	AMUR	40.9071	16.6041	443	1		I		NANOMETRICS TRILL	40																		
87	ANAC		50.073800	17.378000			1 Anenský vrch	CZ		L43D	1			IPE															
88	IX	AND3	40.9298	15.3331	905	1		I		GEOTECH KS-2000E	30																		
89	HL	ANKY	35.86704	23.30117			1 Antikythira Island	GR	Free field	bedrock G60s	60			PS6-SC	100	1 NOA	Evan	1	1 NOA	1	1								
90	TH	ANNA	50.88902	12.64499	0			D		CMG-3ESP 60s	60																		
91	BE	ANSA	50.668	5.507	180	0	Ans	B		A	120	120																	
92	KO	ANTB	36.89898	30.65538	20	0		GR	Urban free field	concrete G120s	120			Guralp DM24	100	2 UPAT	Soko	1	1 NOA	1	1								
93	HP	ANX	38.5933	21.9209			1 AnoXora	I		NANOMETRICS TRILL	40																		
94	IV	AOI	43.55017	13.602	530	1		I		CMG-3ESP 100s (200s)	100			Janus-Trident 40 Vpp (Gain 1)															
95	HT	AOS2	39.1478	23.8436			1 Alonissos-2	GR	Special	bedrock STS2	120			PS6-SC	100	1 NOA	Evan	1	1 NOA	1	1								
96	HL	APE	37.07274	25.52301			1 Apeiranthos, Naxos	I		NANOMETRICS TRILL	40																		
97	IV	APEC	43.55846	12.41991	488	1		I		LENNARTZ LE3D-5S	5																		
98	IV	APPI	46.47868	11.22813	1056	1		I		NANOMETRICS TRILL	120																		
99	IV	APRC	41.75738	15.54308	672	1		I		NANOMETRICS TRILL	120																		
100	MN	AQU	42.354	13.405			1 L'Aquila, Italy	I		STS2	120																		
101	FR	ARBF	43.491700	5.332500			1 technopole de l'Arbois - 13001, F	I		STS2	120																		
102	CA	ARBS	42.434492	1.533754	0		E	GR		G120	120																		
103	RO	ARCB	44.4667	26.0758	125	1	Arcul de Triumf	RO	building	concrete Episensor 2g_2.5vfs	2		1	K2	100	4 NIEP		1	0	0	0								
104	IV	ARCI	42.8519	11.4754	1080	1		I		NANOMETRICS TRILL	40																		
105	NL	ARCN	51.5013	6.1942	0			NL		CMG3ES																			
106	RO	ARCR	47.0855	24.3537	385	1	Arcalia	RO	Underground shaft	concrete STS2	120			Q330	100	3 NIEP		1	0	0	0								
107	HL	ARG	36.21356	28.12122			1 Archaggelos, Rhodes	GR	Special	bedrock Lennartz20s	20		0	DR24	100	2 NOA	Evan	1	1 NOA	1	1								
108	KO	ARMT	40.5683	28.866	320	0		TR		120s,	120																		
109	RO	ARR	45.3657	24.6332	871	1	Vidraru	RO	special	bedrock CMG3ESP	59			Q330	100	3 NIEP		1	1 NIEP	1	1								
110	IV	ARRO	42.57917	12.76567	253	1		I		LENNARTZ LE3D-5S	5																		
111	OE	ARSA	47.250500	15.523200			1 Arzberg, Steiermark	A		STS2	120																		
112	FR	ARTF	43.588200	5.806700			1 Artigues - 83006 - Var - Provence	F		Trillium 120PH	120																		
113	IV	ARVD	43.49807	12.94153	461	1		I		NANOMETRICS TRILL	40																		
114	RO	ASE	44.4445	26.0904	85	1	Academia de Studii Economice	RO	building	concrete Episensor 2g_2.5vfs	2		1	K2	100	4 NIEP		1	0	0	0								
115	IV	ASOL	45.8003	11.9023	181	1		I		KINEMETRICS EPISEM	1																		
116	IV	ASQU	43.7967	11.7893	860	1		I		NANOMETRICS TRILL	120																		
117	IV	ASSB	43.0426	12.6587	734	1		I		NANOMETRICS TRILL	40																		
118	HA	ATAL	38.6926	23.0213			1 Atalanti	GR		G120s	120																		
119	IV	ATBU	43.47571	12.54828	1000	1		I		LENNARTZ LE3D-5S	5																		
120	IV	ATCC	43.18514	12.63994	557	1		I		KINEMETRICS EPISEM	1																		
121	FR	ATE	43.085800	-0.700700	0		Arette - 64040 - Pyrenees-Atlan	F		STS2	120																		
122	IV	ATFO	43.3666	12.5715	960	1		I		NANOMETRICS TRILL	40																		
123	HL	ATH	37.97384	23.71767			1 Athens	GR	Special	bedrock STS2	120			DR24	100	1 NOA	Evan	1	1 NOA	1	1								
124	HA	ATHU	37.9665	23.7845			1 Athens University	GR		G60s	60			100		NKUA	G.Ka	1	1 NOA	1	1								
125	IV	ATLO	43.31516	12.40726	584	1		I		LENNARTZ LE3D-5S	5																		

- Python script (950 lines) to distill the required information from the sheet
- produces files for plotting by GMT (script 1966 lines)

```

File Edit Selection View Go Run Terminal Help extract.py - Visual Studio Code [Administrator]
listsCONT.py countingLISTS.py extract.py make_inventory_manual.py main.py station_pair.py ...
d: > 16AdriaArray> stations > xmaps2 > extract.py
85 citacBB30 = citacBB30 + 1
86 outBB30.write ('%s\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # s
87 csvBB30.write ('%s\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',')) # s
88 csvBB300.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',30')) # s
89 csvBB3040.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',40')) # s
90 labBB30.write ('%s\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # s
91 # BB30 out
92 if inventory.iloc[n,5] == 0 and inventory.iloc[n,11] >= 30 and inventory.iloc[n,11] < 40: # to
93     citacBB40 = citacBB30 + 1
94     outBB30.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # st
95     labBB30.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # st
96 # BB 40 in
97 if inventory.iloc[n,5] == 1 and inventory.iloc[n,11] >= 40 and inventory.iloc[n,11] < 59: # to
98     citacBB40 = citacBB40 + 1
99     outBB40.write ('%s\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # s
100    csvBB40.write ('%s\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',')) # s
101    csvBB4030.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',30')) # s
102    csvBB4040.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',40')) # s
103    labBB40.write ('%s\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # s
104 # BB 40 out
105 if inventory.iloc[n,5] == 0 and inventory.iloc[n,11] >= 40 and inventory.iloc[n,11] < 59: # to
106     citacBB40 = citacBB40 + 1
107     outBB40.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # st
108     labBB40.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # st
109 # BB 60 in
110 if inventory.iloc[n,5] == 1 and inventory.iloc[n,11] >= 59: # to
111     citacBB60 = citacBB60 + 1
112     outBB60.write ('%s\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # s
113     csvBB60.write ('%s\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',')) # s
114     csvBB6030.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',30')) # s
115     csvBB6040.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',40')) # s
116     labBB60.write ('%s\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # s
117 # BB 60 out
118 if inventory.iloc[n,5] == 0 and inventory.iloc[n,11] >= 59: # to
119     citacBB60o = citacBB60o + 1
120     outBB60o.write("%s\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # st
121     labBB60o.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # st
122 # UNKN in
123 if inventory.iloc[n,5] == 1 and math.isnan(inventory.iloc[n,11]) and math.isnan(inventory.iloc[n,12]): # UNKN
124     citacUNKN = citacUNKN + 1
125     outUNKN.write('"%s"\n' % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # st
126     labUNKN.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # st
127     csvUNKN.write('"%s"\n' % (str(inventory.iloc[n,2]) + ' ' + str(inventory.iloc[n,3]) + ',')) # st
128 # UNKN out
129 if inventory.iloc[n,5] == 0 and math.isnan(inventory.iloc[n,11]) and math.isnan(inventory.iloc[n,12]): # UNKN
130     citacUNKNo = citacUNKNo + 1
131     outUNKNo.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]))) # st
132     labUNKNo.write("'%s'\n" % (str(inventory.iloc[n,3]) + ' ' + str(inventory.iloc[n,2]) + '\t')) # st
133 # SPOT - always in
134 if math.isnan(inventory.iloc[n,11]) and inventory.iloc[n,12] == 1: # pokud je corner pr
135     citacSPOT = citacSPOT + 1

```

~~when the „final“ version of inventory and scripts are ready, they will be freely available for anyone for plotting the station maps~~

```

PSPad - [D:\16AdriaArray\stations\xmaps2\fqAdria.sh]
Soubor Projekt Upravy Hledat Zobrazit Format Nástroje Skripty HTML Nastavení Okno Nápověda
1. aktuality.html 2. uskutečnění20.html 3. fotkyzakáz20.html 4. menu.html 5. zapisy.html 6. index.html 7. ferro.css 8. orbita.sh 9. global.sh availableMap.sh fqMap.sh fqDensity.sh fqAdriaGP.sh
0 10 20 30 40 50 60 70 80 90 100 110 120
dos2unix pNOSP.txt
psxy pNOSP.txt -R -JL -St$sizeps -G$nbsp -W$thps/Sblk -K -O >> $psfile01 # vyhodit pro Renatu
psxy pNOSP.txt -R -JL -St$sizeps -G$nbsp -W$thps/Sblk -K -O >> $psfile10 # vyhodit pro Renatu
dos2unix pWHIT.txt
psxy pWHIT.txt -R -JL -St$sizeps -G$white -W$thot/Sblk -K -O >> $psfile01 # out
psxy pWHIT.txt -R -JL -St$sizeps -W$thot/$white -K -O >> $psfile10 # out
awk -v awk_diam30=$diam30 '(print $1, $2, "0.0" " awk_diam30" " pWHIT.txt)' > circlesWHIT30.dat
awk -v awk_diam40=$diam40 '(print $1, $2, "0.0" " awk_diam40" " pWHIT.txt)' > circlesWHIT40.dat
dos2unix pSPOT.txt
psxy pSPOT.txt -R -JL -St$sizeps -G$spot -W$thps/Sblk -K -O >> $psfile01 # vyhodit pro Renatu
psxy pSPOT.txt -R -JL -St$sizeps -G$spot -W$thps/Sblk -K -O >> $psfile10 # vyhodit pro Renatu
awk -v awk_diam30=$diam30 '(print $1, $2, "0.0" " awk_diam30" " pSPOT.txt)' > circlesSPOT30.dat
awk -v awk_diam40=$diam40 '(print $1, $2, "0.0" " awk_diam40" " pSPOT.txt)' > circlesSPOT40.dat
dos2unix pUNKN.txt
psxy pUNKN.txt -R -JL -St$sizeps -G$unkn -W$thps/Sblk -K -O >> $psfile01
psxy pUNKN.txt -R -JL -St$sizeps -G$unkn -W$thps/Sblk -K -O >> $psfile10
psxy pUNKN0.txt -R -JL -St$sizeps -W$thot/$unkn -K -O >> $psfile01
psxy pUNKN0.txt -R -JL -St$sizeps -W$thot/$unkn -K -O >> $psfile10
psxy pUNKN.txt -R -JL -St$sizeps -G$unkn -W$thps/Sblk -K -O >> $psfile02
psxy pUNKN.txt -R -JL -St$sizeps -W$thot/$unkn -K -O >> $psfile02
awk -v awk_diam30=$diam30 '(print $1, $2, "0.0" " awk_diam30" " pUNKN.txt)' > circlesUNKN30.dat
awk -v awk_diam40=$diam40 '(print $1, $2, "0.0" " awk_diam40" " pUNKN.txt)' > circlesUNKN40.dat
dos2unix pUPGR.txt
psxy pUPGR.txt -R -JL -St$sizeps -G$upgr -W$thps/Sblk -K -O >> $psfile01
psxy pUPGR.txt -R -JL -St$sizeps -G$upgr -W$thps/Sblk -K -O >> $psfile10
awk -v awk_diam30=$diam30 '(print $1, $2, "0.0" " awk_diam30" " pUPGR.txt)' > circlesUPGR30.dat
awk -v awk_diam40=$diam40 '(print $1, $2, "0.0" " awk_diam40" " pUPGR.txt)' > circlesUPGR40.dat
dos2unix PACASEstay.txt
awk '(print $3, $2)' PACASEstay.txt > stations-PACASEstay.txt
psxy stations-PACASEstay.txt -R -JL -St$sizeps -G$pcse -W$thps/Sblk -K -O >> $psfile01 # tady mužu umazato to "stay" a námal
psxy stations-PACASEstay.txt -R -JL -St$sizeps -G$pcse -W$thps/Sblk -K -O >> $psfile02 # tady mužu umazato to "stay" a námal
awk -v awk_ts=$ts '(print $3, $2, awk_ts " 0 0 TC," $1)' PACASEstay.txt > stations-PACASEstayLABEL.txt
awk -v awk_diam30=$diam30 '(print $1, $2, "0.0" " awk_diam30" " awk_diam30")' stations-PACASEstay.txt > circlesPCSE30.dat
awk -v awk_diam40=$diam40 '(print $1, $2, "0.0" " awk_diam40" " awk_diam40")' stations-PACASEstay.txt > circlesPCSE40.dat
dos2unix pBB30.txt
psxy pBB30.txt -R -JL -St$sizeps -G$bbb30 -W$thps/Sblk -K -O >> $psfile01
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile01
psxy pBB30.txt -R -JL -St$sizeps -G$bbs30 -W$thps/Sblk -K -O >> $psfile10
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile10
psxy pBB30.txt -R -JL -St$sizeps -G$outs -W$thps/Sblk -K -O >> $psfile09
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile09
psxy pBB30.txt -R -JL -St$sizeps -G$perm -W$thps/Sblk -K -O >> $psfile02
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile02
psxy pBB30.txt -R -JL -St$sizeps -G$perr -W$thps/Sblk -K -O >> $psfile06
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile06
psxy pBB30.txt -R -JL -St$sizeps -G$perm -W$thps/Sblk -K -O >> $psfile03
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile03
psxy pBB30.txt -R -JL -St$sizeps -G$perr -W$thps/Sblk -K -O >> $psfile07
psxy pBB30o.txt -R -JL -St$sizeps -W$thot/$bbb30 -K -O >> $psfile07
awk -v awk_diam30=$diam30 '(print $1, $2, "0.0" " awk_diam30" " awk_diam30")' pBB30.txt > circlesBB3030.dat

```

inventories, scripts, manuals, GMT files, *.kml files, maps ... all is on GitHub

<https://github.com/PetrColinSky/AdriaArray>



ORFEUS + EPOS

support from Orfeus/EPOS is crucial for the AdriaArray

AdriaArray idea and Orfeus/EPOS are aiming
in the same direction, focusing on different aspects

infrastructure + science + networking

- archival of data at regional EIDA nodes
- support to AdA workshops via EPOS SP

from the Orfeus web page:

Datacenter ID	Description and Focus Region
ODC - KNMI	European-Mediterranean, Netherlands
GFZ	European, Global, temporary deployments
RESIF	France + Global temporary deployments
INGV	Italy, European-Mediterranean (MedNet)
ETHZ	Switzerland
BGR	Germany
LMU	Germany (BayernNetz)
NIEP	Romania
KOERI	Turkey
NOA	Greece
UIB - NORSAR	Norway
ICGC	Spain

ORFEUS Observatories & Research Facilities for European Seismology

ORFEUS is the non-profit foundation to coordinate and promote digital, broadband seismology in the European-Mediterranean area.

EIDA is the European Integrated Data Archive infrastructure within ORFEUS to provide access to seismic waveform data in European archives.

- guidelines for quality control and data management being developed



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afternoon:
tomorrow:

data access+
breakout session on tests+

poster -->

acknowledgements

Maps plotted using GMT by Wessel, P., Smith, W. H. F., Scharroo, R., Luis, J. F. and Wobbe, F., 2013: Generic Mapping Tools: Improved version released, EOS Trans. AGU, 94, 409-410.

AlpArray stations by the AlpArray Working Group www.alparray.ethz.ch.

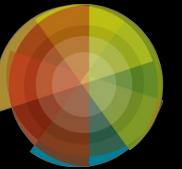
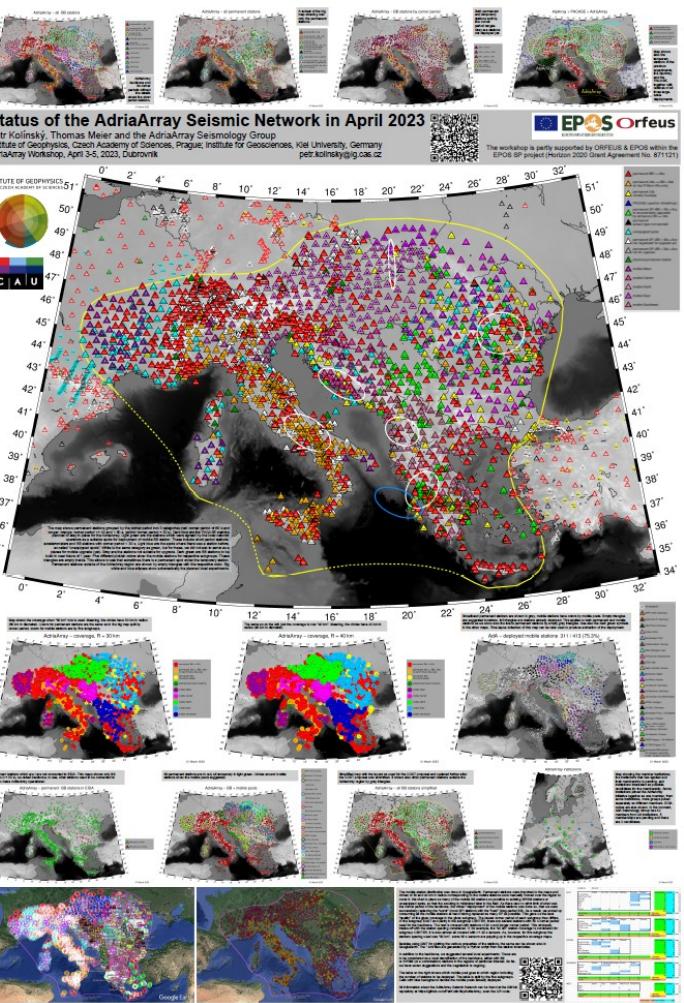
Permanent stations by national seismological services and ORFEUS-EIDA.

Big thanks to all the network operators for supplying the permanent station information.

PACASE station information thanks to György, Jarka and Antje.

Thanks to Orfeus + Epos for supporting AdriaArray.

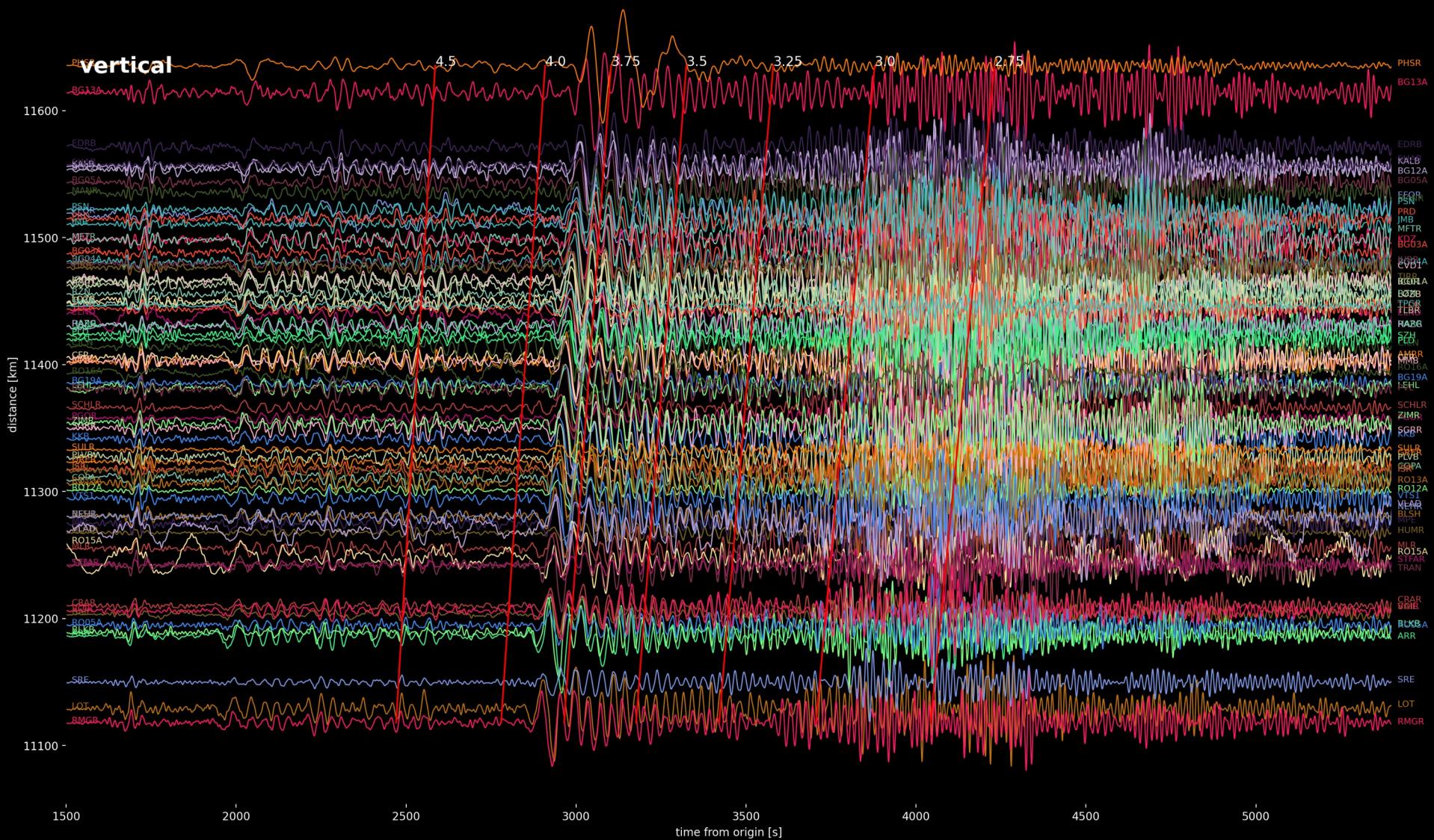
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Mexico, 2022-09-19, M=7.6, 10 – 200 s



AdA – deployed mobile stations 311 / 413 (75.3%)

