

## Formula 2015, Calculation for 2020

Data as of 2020-04-02

## Committed contributions (Budget 2020)

Associate	National Currency	in kSEK
CRIRP (P. R. China)	3 002 280 CNY	4 053
NIPR (Japan)	22 468 950 JPY	2 112
RCN (Norway)	5 415 000 NOK	5 875
SA (Finland)	374 483 EUR	4 044
UKRI (United Kingdom)	214 000 GBP	2 525
VR (Sweden)	5 670 000 SEK	5 670
<b>Total</b>		<b>24 280</b>

## Committed contributions (Updated for 2020)

Affiliate	National Currency	in kSEK
CNRS-IRAP France	12 000 EUR	130
DLR-SO, Germany	50 000 EUR	540
IRA-NASU Ukraine	10 000 USD	99
KASI S. Korea	250 000 SEK	250
KOPRI S. Korea	350 000 SEK	350
<b>Total</b>		<b>1 369</b>

## Contribution to facilities per 31 December 2019 in kSEK

Associates	Capital Investments		Capital Operating		Capital Total	
	Gross	Net <sup>1</sup>	Gross	Net	Gross	Net
Previous Associates	75 097	4 981	31 071	0	106 168	4 981
CRIRP (P. R. China)	2 556	1 448	1 606	346	4 162	1 795
NIPR (Japan)	56 074	23 462	1 849	150	57 923	23 612
RCN (Norway)	89 837	43 747	8 840	473	98 677	44 220
SA (Finland)	38 870	23 510	4 759	324	43 628	23 834
UKRI (United Kingdom)	123 009	74 461	17 226	442	140 234	74 903
VR (Sweden)	106 367	79 294	8 858	496	115 226	79 791
<b>Total All Associates</b>	<b>(491 810)</b>	<b>(250 903)</b>	<b>(74 209)</b>	<b>(2 233)</b>	<b>(566 019)</b>	<b>(253 136)</b>
Current Associates only	416 713	245 923	43 138	2 233	459 851	248 156

<sup>1</sup> Contributions to capital investments are depreciated over 30 years and over 5 years for capital operating. For capital investments, depreciation starts when the system became/ becomes operational (mainland radars: 1981, EISCAT Svalbard Radar: 1996 and for EISCAT\_3D: 2022).

## Timeshare and ownership calculation - Associates

Formula	Capital Total		Committed Contributions			
	Gross	C Net	B in kSEK	D for (years)	T=C+B*D/ΣC+B*D In total	O=C/ΣC Ownership
Previous Associates	106 168	4 981				
CRIRP (P. R. China)	4 162	1 795	4 053	5	20 265	5,97%
NIPR (Japan)	57 923	23 612	2 112	5	10 560	9,25%
RCN (Norway)	98 677	44 220	5 875	5	29 376	19,91%
SA (Finland)	43 628	23 834	4 044	5	20 222	11,92%
UKRI (United Kingdom)	140 234	74 903	2 525	5	12 626	23,68%
VR (Sweden)	115 226	79 791	5 670	5	28 350	29,26%
<b>Total All Associates</b>	<b>(566 019)</b>	<b>(253 136)</b>				
Current Associates only	459 851	248 156	24 280		121 400	100,00%

## Timeshare calculation - Affiliates

Formula	Contribution	
	A in kSEK	T=A/ΣA Timeshare
CNRS-IRAP France	130	9,47%
DLR-SO, Germany	540	39,46%
IRA-NASU Ukraine	99	7,23%
KASI S. Korea	250	18,27%
KOPRI S. Korea	350	25,57%
<b>Total</b>	<b>1 369</b>	<b>100,00%</b>

## Distribution of hours between the different active modes and systems (target for 2020)

Hours	Distribution	System			Total
		E3D	Other <sup>2</sup>	Svalbard	
Special Programmes	53,91%	0	903	442	1 345
Common Programmes	36,07%	0	504	396	900
Peer review programmes	8,02%	0	112	88	200
EISCAT hours <sup>3</sup>	2,00%	0	28	22	50
Other hours	0,00%	0	0	0	0
<b>Total</b>	<b>100,00%</b>	<b>0</b>	<b>1 547</b>	<b>948</b>	<b>2 495</b>

<sup>2</sup> Heating, UHF and VHF radars

<sup>3</sup> System tests and staff time

*Special programme time is distributed between Associates and Affiliates as follows*

Type	Timeshare	Hours
Associates	94,66%	1 273
Affiliates	5,34%	72
Total	100,00%	1 345

*Special Programme time distribution within the Associates category*

Associates	Timeshare	Hours
CRIRP (P. R. China)	5,97%	76
NIPR (Japan)	9,25%	118
RCN (Norway)	19,91%	254
SA (Finland)	11,92%	152
UKRI (United Kingdom)	23,68%	302
VR (Sweden)	29,26%	373
Total	100,00%	1 273

*Special Programme time distribution within the Affiliates category*

Affiliates	Timeshare	Hours
CNRS-IRAP France	9,47%	7
DLR-SO, Germany	39,46%	28
IRA-NASU Ukraine	7,23%	5
KASI S. Korea	18,27%	13
KOPRI S. Korea	25,57%	18
Total	100,00%	72