

## Formula 2015, Calculation for 2019

Data as of 2019-03-26

## Committed contributions (Budget 2019)

Associate	National Currency	in kSEK
CRIRP (P. R. China)	3 002 280 CNY	4 654
NIPR (Japan)	22 468 950 JPY	1 798
RCN (Norway)	5 309 000 NOK	5 946
SA (Finland)	374 483 EUR	3 913
UKRI (United Kingdom)	214 000 GBP	2 536
VR (Sweden)	5 670 000 SEK	5 670
<b>Total</b>		<b>24 516</b>

## Committed contributions (Budget 2019)

Affiliate	National Currency	in kSEK
CNRS-IRAP France	12 000 EUR	125
IRA-NASU Ukraine	9 500 USD	85
KASI S. Korea	250 000 SEK	250
KOPRI S. Korea	350 000 SEK	350
<b>Total</b>		<b>810</b>

## Contribution to facilities per 31 December 2018 in kSEK

Associates	Capital Investments		Capital Operating		Capital Total	
	Gross	Net <sup>1</sup>	Gross	Net	Gross	Net
Previous Associates	75 097	5 692	31 071	0	106 168	5 692
CRIRP (P. R. China)	2 556	1 534	1 530	424	4 086	1 958
NIPR (Japan)	56 074	25 327	1 814	182	57 889	25 509
RCN (Norway)	56 647	12 054	8 732	589	65 378	12 643
SA (Finland)	18 315	3 371	4 684	397	22 999	3 768
UKRI (United Kingdom)	123 009	77 612	17 178	580	140 186	78 191
VR (Sweden)	65 414	39 009	8 752	626	74 166	39 635
<b>Total All Associates</b>	<b>(397 112)</b>	<b>(164 598)</b>	<b>(73 761)</b>	<b>(2 798)</b>	<b>(470 873)</b>	<b>(167 396)</b>
<b>Current Associates only</b>	<b>322 014</b>	<b>158 906</b>	<b>42 690</b>	<b>2 798</b>	<b>364 705</b>	<b>161 704</b>

<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: 2021).

## Timeshare and ownership calculation - Associates

Formula	Capital Total		Committed Contributions		T=C+B*D/ΣC+B*D	O=C/ΣC
	Gross	Net	B in kSEK	D for (years)		
Previous Associates	106 168	5 692				
CRIRP (P. R. China)	4 086	1 958	4 654	5	23 268	8,87%
NIPR (Japan)	57 889	25 509	1 798	5	8 988	12,13%
RCN (Norway)	65 378	12 643	5 946	5	29 730	14,91%
SA (Finland)	22 999	3 768	3 913	5	19 567	8,21%
UKRI (United Kingdom)	140 186	78 191	2 536	5	12 680	31,96%
VR (Sweden)	74 166	39 635	5 670	5	28 350	23,91%
<b>Total All Associates</b>	<b>(470 873)</b>	<b>(167 396)</b>				
<b>Current Associates only</b>	<b>364 705</b>	<b>161 704</b>	<b>24 516</b>		<b>122 582</b>	<b>100,00%</b>

## Timeshare calculation - Affiliates

Formula	Contribution	
	A in kSEK	T=A/ΣA Timeshare
CNRS-IRAP France	125	15,48%
IRA-NASU Ukraine	85	10,44%
KASI S. Korea	250	30,87%
KOPRI S. Korea	350	43,21%
<b>Total</b>	<b>810</b>	<b>100,00%</b>

## Budgeted distribution of hours between the different active modes and systems (budget 2019)

Hours	Distribution	System			Total
		E3D	Other <sup>2</sup>	Svalbard	
Special Programmes	53,35%	0	886	429	1 315
Common Programmes	36,51%	0	504	396	900
Peer review programmes	8,11%	0	112	88	200
EISCAT hours <sup>3</sup>	2,03%	0	28	22	50
Other hours	0,00%	0	0	0	0
<b>Total</b>	<b>100,00%</b>	<b>0</b>	<b>1 530</b>	<b>935</b>	<b>2 465</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	96,80%	1 273
Affiliates	3,20%	42
Total	100,00%	1 315

*Special Programme time distribution within the Associates category*

Associates	Timeshare	Hours
CRIRP (P. R. China)	8,87%	113
NIPR (Japan)	12,13%	154
RCN (Norway)	14,91%	190
SA (Finland)	8,21%	104
UKRI (United Kingdom)	31,96%	407
VR (Sweden)	23,91%	304
Total	100,00%	1 273

*Special Programme time distribution within the Affiliates category*

Affiliates	Timeshare	Hours
CNRS-IRAP France	15,48%	7
IRA-NASU Ukraine	10,44%	4
KASI S. Korea	30,87%	13
KOPRI S. Korea	43,21%	18
Total	100,00%	42