

ANNEX 2a**ADDITIONAL INFORMATION ON UNIT COSTS AND CONTRIBUTIONS****SME owners/natural person beneficiaries without salary** (Decision C(2020) 7115¹)

Type: unit costs

Units: days spent working on the action (rounded up or down to the nearest half-day)

Amount per unit (daily rate): calculated according to the following formula:

{ **EUR 5 080** / 18 days = **282,22** }
 multiplied by
 { country-specific correction coefficient of the country where the beneficiary is established }

The country-specific correction coefficients used are those set out in the Horizon Europe Work Programme (section Marie Skłodowska-Curie actions) in force at the time of the call (see [Portal Reference Documents](#)).

Volunteers (Decision C(2019)2646²)

Type: unit costs

Units: days spent working on the action (rounded up or down to the nearest half-day)

Amount per unit (daily rate):

Country	Daily rate in €
Denmark, Ireland, Luxembourg, Netherlands, Austria, Sweden, Liechtenstein, Norway	157
Belgium, Germany, France, Italy, Finland, United Kingdom, Iceland	131
Czech Republic, Greece, Spain, Cyprus, Malta, Portugal, Slovenia	78
Bulgaria, Estonia, Croatia, Latvia, Lithuania, Hungary, Poland, Romania, Slovakia	47
Australia, Canada, Hong King, Israel, Japan, Kuwait, Macao, New Zealand, Qatar, United Arab Emirates, United States of America, Switzerland.	92
Albania, Angola, Antigua and Barbuda, Argentina, Barbados, Bosnia and Herzegovina, Brazil, Chile, Colombia, Comoros, Cook Islands, Dominica, Gabon, Grenada, Ivory Coast, Former Yugoslav Republic of Macedonia, Kosovo, Lebanon, Libya, Mexico, Montenegro, Nigeria, Peru, Saint Kitts And Nevis, Saint Lucia, Saint Vincent And the Grenadines, Sao Tome and Principe, Serbia, Seychelles, Thailand, Türkiye, Ukraine, Uruguay, Venezuela, Zambia, Zimbabwe	45
Afghanistan, Azerbaijan, Bahamas, Bolivia, Burkina Faso, Cameroon, China, Congo, Costa Rica, Djibouti, Dominican Republic, Ecuador, El Salvador, Georgia, Guatemala, Guinea-Bissau, Haiti, Iran, Iraq, Jamaica, Jordan, Kazakhstan, Kenya, Micronesia, Morocco, Mozambique, Namibia, Palestine,	32

¹ Commission [Decision](#) of 20 October 2020 authorising the use of unit costs for the personnel costs of the owners of small and medium-sized enterprises and beneficiaries that are natural persons not receiving a salary for the work carried out by themselves under an action or work programme (C(2020)7115).

² Commission [Decision](#) of 10 April 2019 authorising the use of unit costs for declaring personnel costs for the work carried out by volunteers under an action or a work programme (C(2019)2646).

<p>Panama, Papua New Guinea, Paraguay, Senegal, South Africa, Surinam, Swaziland, Russia, Trinidad and Tobago, Vanuatu</p>	
<p>Algeria, Armenia, Bangladesh, Belarus, Belize, Benin, Bhutan, Botswana, Myanmar, Burundi, Cambodia, Cape Verde, Central African Republic, Chad, Congo – Democratic Republic of the-, Cuba, Korea (DPR), Egypt, Eritrea, Ethiopia, Equatorial Guinea, Fiji Island, Gambia, Ghana, Guinea, Guyana, Honduras, India, Indonesia, Kiribati, Kyrgyzstan, Laos, Lesotho, Liberia, Madagascar, Malawi, Malaysia, Maldives, Mali, Marshall Islands, Mauritania, Mauritius, Moldova, Mongolia, Nauru, Nepal, Nicaragua, Niger, Niue, Pakistan, Palau, Philippines, Rwanda, Samoa, Sierra Leone, Solomon, Somalia, South Sudan, Sri Lanka, Sudan, Syria, Tajikistan, Tanzania, Timor-Leste – Democratic Republic of, Togo, Tonga, Tunisia, Turkmenistan, Tuvalu, Uganda, Uzbekistan, Vietnam, Yemen</p>	<p>17</p>

Travel and subsistence (Decision C(2021)35³)**Travel**

Type: unit costs

Units: travel (journeys) for the action

Amount per unit:

standard:


for travel of 50 -399km (inside EU countries):

Country	Unit costs in €	Country	Unit costs in €	Country	Unit costs in €
AT	60	FI	36	PL	20
BE	46	FR	64	PT	40
BG	12	HR	36	RO	16
CZ	20	HU	28	SE	56
DE	64	IE	36	SI	27
DK	76	IT	52	SK	20
EE	16	LT	20		
EL	36	LV	16		
ES	52	NL	49		

³ Commission [Decision](#) of 12 January 2021 authorising the use of unit costs for travel, accommodation and subsistence costs under an action or work programme under the 2021-2027 multi-annual financial framework (C(2021)35).

for travel of 50 -399km (land-based; between EU countries):

MS	AT	BE	BG	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE	IT	LT	LU	LV	NL	PL	PT	RO	SE	SI	SK	
AT				58	65						64	58	58		58					58		58		58	58	
BE					82						82						50		82							
BG								37				36	26										17			
CZ	58				65						64	36	26							20			19		37	21
DE	65	82		65		76					82	65			65		82		65	65					65	
DK					76															76				76		
EE																22		22								
EL			37																							
ES											82										54					
FI																							55			
FR	64	82		64	82				82						82		82		82							
HR	58		36	36	65								36		50								36		37	
HU	58		26	26									36		50					26			26		37	26
IE																										
IT	58				65						82	50	50												50	
LT							22											19		20						
LU		50			82						82								82							
LV							22									19				20						
NL		82			65	76					82						82									
PL	58			20	65											20		20					20		21	
PT									54																	
RO	58		17	19								36	26							20					21	
SE						76				55																
SI	58			37	65							37	37		50										37	
SK	58			21									26							21		21		37		

 No connection below 400 km

for travel of 50-399km not covered above:

- for calls with opening date before 26 July 2023:
 - for projects with end date on 31 December 2022 or before: **EUR 196**

- for projects ongoing on 1 January 2023 or with start date as from that date (voluntary**): **EUR 245**
- for calls with opening date as from 26 July 2023: **EUR 245**

for travel of 400 km or more (air or rail or combined air/rail):*

- for calls with opening date before 26 July 2023:
 - for projects with end date on 31 December 2022 or before:

Distance Band	Unit costs in €	Distance Band	Unit costs in €	Distance Band	Unit costs in €
400-600	196	1601-2000	295	4501-6000	637
601-800	209	2001-2500	343	6001-7500	720
801-1200	221	2501-3500	433	7501-10000	961
1201-1600	230	3501-4500	527	10001-Max	1 101

- for projects ongoing on 1 January 2023 or with start date as from that date (voluntary**):

Distance Band	Unit costs in €	Distance Band	Unit costs in €	Distance Band	Unit costs in €
400-600	245	1601-2000	369	4501-6000	796
601-800	261	2001-2500	429	6001-7500	900
801-1200	276	2501-3500	541	7501-10000	1 201
1201-1600	288	3501-4500	659	10001-Max	1 376

- for calls with opening date as from 26 July 2023:

Distance Band	Unit costs in €	Distance Band	Unit costs in €	Distance Band	Unit costs in €
400-600	245	1601-2000	369	4501-6000	796
601-800	261	2001-2500	429	6001-7500	900
801-1200	276	2501-3500	541	7501-10000	1 201
1201-1600	288	3501-4500	659	10001-Max	1 376

* All distances to be measured using the [rail calculator](#) or [flight calculator](#).

** Beneficiaries may also opt for keeping the old rates (since the maximum grant amount cannot be changed).

special rates:

for travel from EU countries to EU outermost regions or OCTs:

Remote region	Unit costs in €	Remote region	Unit costs in €	Remote region	Unit costs in €
Aruba	1 343	French Guiana	905	Saint Helena	2 395
Bonaire	1 344	Martinique	958	Saint Martin	939
Curaçao	1 302	Mayotte	1 170	Saint Pierre and Miquelon	1 832
French Polynesia	2 204	New Caledonia	2 065	Wallis and Fotuna	2 398
Greenland	1 118	Réunion	1 040		
Guadeloupe	801	Saba	1 286		

for travel to/from location 400 km or more from nearest airport: increase applicable unit cost by 50%

Accommodation

Type: unit costs

Units: nights spent on travel for the action

Amount per unit:

Country	Accommodation - € per night	Country	Accommodation - € per night	Country	Accommodation - € per night
Albania	101	Greece	107	North Macedonia	95
Algeria	157	Hungary	105	Norway	145
Armenia	115	Iceland	190	Palestine	140

Austria	126	Ireland	139	Poland	103
Azerbaijan	136	Israel	187	Portugal	109
Belarus	108	Italy	114	Romania	109
Belgium	137	Jordan	140	Serbia	105
Bosnia and Herzegovina	90	Kosovo	92	Slovakia	98
Bulgaria	110	Latvia	95	Slovenia	113
Croatia	104	Lebanon	154	Spain	117
Cyprus	120	Libya	146	Sweden	158
Czechia	107	Lichtenstein	135	Switzerland	178
Denmark	158	Lithuania	94	Syria	145
Egypt	152	Luxembourg	163	Tunisia	99
Estonia	107	Malta	141	Türkiye	116
Finland	146	Moldova	133	Ukraine	122
France	166	Montenegro	98	United Kingdom	151
Germany	119	Morocco	129		
Georgia	134	Netherlands	133		

Subsistence

Type: unit costs

Units: days spent on travel for the action

Amount per unit (daily rate):

Country	Subsistence daily rate in €	Country	Subsistence daily rate in €	Country	Subsistence daily rate in €
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Albania	50	Greece	82	North Macedonia	50
Algeria	85	Hungary	64	Norway	80
Armenia	70	Iceland	85	Palestine	60
Austria	102	Ireland	108	Poland	67
Azerbaijan	70	Israel	105	Portugal	83
Belarus	90	Italy	98	Romania	62
Belgium	102	Jordan	60	Serbia	60
Bosnia and Herzegovina	65	Kosovo	60	Slovakia	74
Bulgaria	57	Latvia	73	Slovenia	84
Croatia	75	Lebanon	70	Spain	88
Cyprus	88	Libya	50	Sweden	117
Czech Republic	70	Lichtenstein	80	Switzerland	80
Denmark	124	Lithuania	69	Syria	80
Egypt	65	Luxembourg	98	Tunisia	60
Estonia	80	Malta	88	Türkiye	55
Finland	113	Moldova	80	Ukraine	80
France	102	Montenegro	60	United Kingdom	125
Germany	97	Morocco	75		
Georgia	80	Netherlands	103		

HE and Euratom Research Infrastructure actions⁴

Type: unit costs

Units⁵: see (for each access provider and installation) the unit cost table in Annex 2b

Amount per unit*: see (for each access provider and installation) the unit cost table in Annex 2b

* Amount calculated as follows:

For trans-national access:

$$\frac{\text{average annual total access costs to the installation (over past two years)}^6}{\text{average annual total quantity of access to the installation (over past two years)}^7}$$

For virtual access:

$$\frac{\text{total virtual access costs to the installation (over the last year)}^8}{\text{total quantity of virtual access to the installation (over the last year)}^9}$$

Euratom staff mobility costs¹⁰

Monthly living allowance

Type: unit costs

Units: months spent by the seconded staff members on research and training in fission and fusion activities (person-month)

Amount per unit*: see (for each beneficiary/affiliated entity and secondment) the unit cost table in Annex 2b

* Amount calculated as follows between 01 January 2021 and 31 December 2022:

{**EUR 4 300** multiplied by country-specific correction coefficient** of the country where the staff member is seconded}¹¹

* Amount calculated as follows as from 01 January 2023:

{**EUR 4 721** multiplied by country-specific correction coefficient** of the country where the staff member is seconded}¹²

**Country-specific correction coefficients¹³

EU-Member States¹⁴

⁴ [Decision](#) of 19 April 2021 authorising the use of unit costs for the costs of providing trans-national and virtual access in Research Infrastructure actions under the Horizon Europe Programme (2021-2027) and the Research and Training Programme of the European Atomic Energy Community (2021-2025).

⁵ Unit of access (e.g. beam hours, weeks of access, sample analysis) fixed by the access provider in proposal.

⁶ In exceptional and duly justified cases, the granting authority may agree to a different reference period.

⁷ In exceptional and duly justified cases, the granting authority may agree to a different reference period.


⁸ In exceptional and duly justified cases, the granting authority may agree to a different reference period.

⁹ In exceptional and duly justified cases, the granting authority may agree to a different reference period.

¹⁰ [Decision](#) of 15 March 2021 authorising the use of unit costs for mobility in co-fund actions under the Research and Training Programme of the European Atomic Energy Community (2021-2025).

¹¹ Unit costs for living allowances are calculated by using a method of calculation similar to that applied for the secondment to the European Commission of seconded national experts (SNEs).

¹² Unit costs for living allowances are calculated by using a method of calculation similar to that applied for the secondment to the European Commission of seconded national experts (SNEs).

¹³  For the financial statements, the amount must be adjusted according to the actual place of secondment.

The coefficients are based on the 2020/2022 Annual update of the remuneration and pensions of the officials and other servants of the European Union and the correction coefficients applied thereto (OJ C 428, 11.12.2020, p. 12; OJ C 474, 14.12.2022, p. 38) to ensure purchasing power parity.

¹⁴ No correction coefficient shall be applicable in Belgium and Luxembourg.

Country / Place	Coefficient (%) between 01 January 2021 and 31 December 2022	Coefficient (%) as from 01 January 2023
Bulgaria	59,1	65,0
Czech Rep.	85,2	95.5
Denmark	131,3	134.7
Germany	101,9	100.6
Bonn	95,8	-
Karlsruhe	98	95.6
Munich	113,9	112.2
Estonia	82,3	94.1
Ireland	129	136.3
Greece	81,4	89.4
Spain	94,2	97.4
France	120,5	116.8
Croatia	75,8	80.0
Italy	95	94.7
Varese	90,7	92.0
Cyprus	78,2	82.6
Latvia	77,5	85.9
Lithuania	76,6	87.4
Hungary	71,9	69.6
Malta	94,7	92.1
Netherlands	113,9	109.8
Austria	107,9	108.8
Poland	70,9	71.7
Portugal	91,1	95.5
Romania	66,6	70.1
Slovenia	86,1	87.1
Slovakia	80,6	81.3
Finland	118,4	117.3
Sweden	124,3	124.9

Third countries

Country/place	Coefficient (%)between 01 January 2021 and 31 December 2022	Coefficient (%) as from 1 January 2023
China	82,2	87.5
India	72,3	99.0

Japan	111,8	92.7
Russia	92,7	156.1
South Korea	92,3	90.1
Switzerland	129.2	134.2
Ukraine	82.3	86.5
United Kingdom	97.6	109.0
United States	101,4 (New-York) 90,5 (Washington)	113.6 (New York) 104.5 (Washington)

Mobility allowance

Type: Unit costs

Units: months spent by the seconded staff members on research and training in fission and fusion activities (person-month)

Amount per unit: **EUR 600** per person-month; see (for each beneficiary/affiliated entity and secondment) the unit cost table in Annex 2b

Family allowance

Type: unit costs

Units: months spent by the seconded staff members on research and training in fission and fusion activities (person-month)

Amount per unit: **EUR 660** per person-month; see (for each beneficiary/affiliated entity and secondment) the unit cost table in Annex 2b

Education allowance

Type: unit costs

Units: months spent by the seconded staff members on research and training in fission and fusion activities (person-month)

Amount per unit*: see (for each beneficiary/affiliated entity and secondment) the unit cost table in Annex 2b

*Amount calculated as follows from 1 January 2021
{**EUR 283.82** x number of dependent children¹⁵}

HE MSCA Doctoral Networks/Post-doctoral Fellowships¹⁶

Contributions for recruited researchers — Living allowance

Type: unit contributions

¹⁵ For the estimated budget (Annex 2): an average should be used. (⚠ For the financial statements, the number of children (and months) must be adjusted according to the actual family status at the moment the secondment starts.)

¹⁶ [Decision](#) of 16 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

Units: months spent by the researchers on the research training activities (person-months)

Amount per unit*:

* Amount calculated as follows:

{the monthly living allowance for researchers in MSCA-PF/MSCA-DN actions multiplied by country-specific correction coefficient of [OPTION by default: the country in which the researcher is recruited][OPTION for PF-Global Fellowships: the country where the associated partner hosting the researcher during the outgoing phase is located and the country in which the researcher is recruited (for the return phase and placements)]}

The monthly living allowance and the country-specific correction coefficients are set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call:

- for the monthly living allowance:
 - for Post-doctoral Fellowships: **EUR 5 080**
 - for Doctoral Networks: **EUR 3 400**
- for the country-specific correction coefficients: see Work Programme (available on the [Funding & Tenders Portal Reference Documents](#) page).

Contributions for recruited researchers — Mobility allowance

Type: unit contributions

Units: months spent by the researchers on the research training activities (person-months)

Amount per unit¹⁷: **EUR 600**

Contributions for recruited researchers — Family allowance

Type: unit contributions

Units: months spent by the researchers on the research training activities (person-months)

Amount per unit¹⁸: **EUR 660**

Contributions for recruited researchers — Long-term leave allowance

Type: unit contributions

Units: months spent by the researchers on long-term leave (person-months)

Amount per unit*:

*Amount calculated as follows:

{long-term leave allowance (i.e. the sum of the applicable living allowance and mobility allowance) multiplied by percentage of long-term leave allowance incurred by the beneficiary (i.e. costs incurred by the beneficiary divided by the long-term leave allowance) multiplied by number of months}

Contributions for recruited researchers — Special needs allowance

¹⁷ Same amount for all beneficiaries.
Amount for the mobility allowance set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

¹⁸ Same amount for all beneficiaries.
Average based on the amount for the family allowance set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (75% of the number of units with family, 25% without).

Type: unit contributions

Units: number of special needs units (per recruited researcher) that were needed for implementing the action (person-months)

Amount per unit*:

*Amount calculated as follows:
{requested special needs unit
multiplied by
(1/number of months)}

The pre-defined special needs units are: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

Institutional contributions — Research, training and networking contribution

Type: unit contributions

Units: months spent by the researchers on the research training activities (person-months)

Amount per unit¹⁹:

- for Post-doctoral Fellowships: **EUR 1 000**
- for Doctoral Networks: **EUR 1 600**

Institutional contributions — Management and indirect contribution

Type: unit contributions

Units: months spent by the researchers on the research training activities (person-months)

Amount per unit²⁰:

- for Post-doctoral Fellowships: **EUR 650**
- for Doctoral Networks: **EUR 1 200**

HE MSCA Staff Exchanges²¹

Contributions for seconded staff — Top-up allowance

Type: unit contributions

Units: months spent by the seconded staff members on the research and innovation activities (person-months)

Amount per unit²²: **EUR 2 300**

Contributions for seconded staff — Special needs allowance

¹⁹ Same amount for all beneficiaries.
Amount for research, training and networking contribution set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

²⁰ Same amount for all beneficiaries.
Amount for management and indirect contribution set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

²¹ [Decision](#) of 16 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

²² Same amount for all beneficiaries.
Amount for the top-up allowance set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

Type: unit contributions

Units: number of special needs units (per seconded staff member) that were needed for implementing the action (person-months)

Amount per unit*:

*Amount calculated as follows:
{requested special needs unit
multiplied by
(1/number of months)}

The pre-defined special needs units are: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

Institutional contributions — Research, training and networking contribution

Type: unit contributions

Units: months spent by the seconded staff members on the research and innovation activities (person-months)

Amount per unit²³: **EUR 1 300**

Institutional contributions — Management and indirect contribution

Type: unit contributions

Units: months spent by the seconded staff members on the research and innovation activities (person-months)

Amount per unit²⁴: **EUR 1 000**

HE MSCA COFUND²⁵

COFUND contributions — COFUND allowance

Type: unit contributions

Units: months spent by the researchers on the research training activities (person-months)

Amount per unit²⁶:

- for doctoral researchers: **EUR 2 800**
- for post-doctoral researchers: **EUR 3 980**

COFUND contributions — Long-term leave allowance

Type: unit contributions

Units: months spent by the researchers on long-term leave (person-months)

²³ Same amount for all beneficiaries.
Amount for research, training and networking contribution set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

²⁴ Same amount for all beneficiaries.
Amount for management and indirect contribution set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

²⁵ [Decision](#) of 16 March 2021 authorising the use of lump sum contributions and unit contributions for Marie Skłodowska-Curie actions under the Horizon Europe Programme.

²⁶ Same amount for all beneficiaries.
Amount for the COFUND allowance set out in the Horizon Europe Work Programme (MSCA Work Programme part) in force at the time of the call (available on the [Funding & Tenders Portal Reference Documents](#) page).

Amount per unit*:

*Amount calculated as follows:
 {long-term leave allowance (i.e. the applicable COFUND allowance)
 multiplied by
 percentage of long-term leave allowance incurred by the beneficiary (i.e. costs incurred by the beneficiary
 divided by the long-term leave allowance)
 multiplied by
 number of months}

COFUND contributions — Special needs allowance

Type: unit contributions

Units: number of special needs units (per recruited researcher) that were needed for implementing the action (person-months)

Amount per unit*:

*Amount calculated as follows:
 {requested special needs unit
 multiplied by
 (1/number of months)}

The pre-defined special needs units are: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

CEF ERTMS²⁷

Contributions for on-board ERTMS

Type: unit contributions

Units: equipped vehicles

Amount per unit: see table below

Contributions for track-side ERTMS

Type: unit contributions


Units: equipped double track kilometres

Amount per unit: see table below

Activities	Cost category		Scenario	Sub-scenario	Unit contribution (EUR)	Unit contribution (EUR)
					General call	Cohesion call
On-board ERTMS B3 equipped vehicle	Retrofitting	Prototype	International		900.000	1.500.000
			National		450.000	750.000
	Serial	International		110.000	190.000	

²⁷ [Decision](#) of 22 July 2021 authorising the use of unit contributions to support the deployment of ERTMS, electric vehicles recharging infrastructure and the retrofitting of noisy wagons under the Connecting Europe Facility (CEF) – Transport Sector.

			1				
			National		80.000	140.000	
	Upgrade	Prototype	International	Software + hardware	600.000	1.000.000	
			National	Software + hardware	350.000	600.000	
		Serial	International	Software	18.000	30.000	
			National	Software	15.000	25.000	
			International	Software + hardware	55.000	95.000	
			National	Software + hardware	55.000	95.000	
		Fitment				25.000	45.000
		Track-side 1 double track km equipped	Deployment	Standard ETCS & associated upgrade costs		90.000	150.000
ETCS & associated upgrade costs in urban nodes				200.000	340.000		
Class A radio communication				20.000	35.000		
Interlocking				80.000	140.000		
Interlocking in urban nodes				300.000	510.000		
Upgrade			20.000	35.000			

 For vehicles with several driving cabs or vehicles which require several on-board equipments, the number of unit contributions depends on the number of equipments used. For example:

- vehicle with two driving cabs served by one ERTMS/ETCS on-board equipment: 1 unit contribution (prototype or serial, as appropriate)
- vehicle with two driving cabs served by two individual ERTMS/ETCS on-board equipments: 2 unit contributions (one prototype + one serial or two serial, as appropriate).

CEF Alternative Fuels Facility - Electric Vehicles Recharging Infrastructure (AFF-EVRI)²⁸

Contributions for recharging points

Type: unit contributions

Units: recharging points

Amount per unit:

²⁸ [Decision](#) of 22 July 2021 authorising the use of unit contributions to support the deployment of ERTMS, electric vehicles recharging infrastructure and the retrofitting of noisy wagons under the Connecting Europe Facility (CEF) – Transport Sector.

Recharging point of minimum	Unit contribution (EUR)	Unit contribution (EUR)
	General call	Cohesion call
150 kW	20.000	30.000
350 kW	40.000	60.000

Contributions for grid connections

Type: unit contributions

Units: grid connections

Amount per unit:

Grid connection	Unit contribution (EUR)	Unit contribution (EUR)
	General call	Cohesion call
	20.000	30.000

CEF Retrofitting Noisy Wagons (RFN)²⁹

Contributions for retrofitted noisy wagons

Type: unit contributions

Units: retrofitted wagons

Amount per unit:

Type of wagon	Unit contribution (EUR)
S-type wagon	250
SS-type wagon	600

INNOVFUND fixed premium auctions³⁰

Type: unit contributions

Units: units of low/zero carbon products as defined in the call conditions (see Portal Reference Documents).

Amount per unit: see bid price (for each beneficiary/affiliated entity) the unit contributions table in Annex 2b

²⁹ [Decision](#) of 22 July 2021 authorising the use of unit contributions to support the deployment of ERTMS, electric vehicles recharging infrastructure and the retrofitting of noisy wagons under the Connecting Europe Facility (CEF) – Transport Sector.

³⁰ [Decision](#) of 27 October 2023 authorising the use of unit contributions for auction actions under the Innovation Fund.

SMP COSME EYE unit costs for financial support to third parties³¹

Type: unit costs


Units: months spent by the entrepreneurs in the country of exchange

Amount per unit: see table below (for each entrepreneur)

Monthly unit costs for financial support to be paid to a third party	
Country of exchange	Amount per month while staying in this country/ EUR
<i>EU Member States:</i>	
Austria	900
Belgium	830
Bulgaria	560
Croatia	720
Cyprus	780
Czech Republic	610
Denmark	1100
Estonia	670
Finland	950
France	900
Germany	830
Greece	780
Hungary	670
Ireland	1000
Italy	900
Latvia	610
Lithuania	560
Luxembourg	830
Malta	720
Netherlands	830
Poland	610
Portugal	780
Romania	560
Slovakia	610
Slovenia	720
Spain	830

³¹ [Decision](#) of 8 March 2022 authorising the use of unit costs for the Erasmus for Young Entrepreneurs action under the Single Market Programme.

Sweden	950
Entrepreneurs from/to: Outermost Regions of the EU (referred to in Article 349 TFEU) and Outermost Countries and Territories (referred to in Article 198 TFEU)	1100
Entrepreneurs with disabilities (regardless of the country of stay)	1100
<i>Non-EU countries (if associated to the SMP Programme)</i>	
Albania	530
Armenia	610
Bosnia-Herzegovina	560
Iceland	900
Kosovo ³²	560
Lichtenstein	1100
Moldova	530
Montenegro	560
North Macedonia	560
Norway	1100
Serbia	560
Türkiye	750
Ukraine	530
United Kingdom	1000
Entrepreneurs with disabilities (regardless of the country of stay)	1100

 The minimum length of the exchange is one month and maximum is 6 months.

SMP ESS personnel costs based on time³³

Type: unit costs

Units: days spent working on the action (rounded up or down to the nearest half-day)

Amount per unit: see (for each beneficiary/affiliated entity) the unit cost table in Annex 2b

ERASMUS EMJM³⁴

Contributions for scholarships

Type: unit contributions

Units: months spent by the scholarship students on the study activities needed to complete the EMJM master course (person-months)

³² This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.

³³ [Decision](#) of 6 April 2021 authorising the use of unit costs for eligible personnel costs for actions implemented by Eurostat.

³⁴ [Decision](#) of 24 March 2021 authorising the use of lump sum contributions and unit contributions under the Erasmus+ Programme 2021-2027.

Amount per unit: **EUR 1400**

Institutional contributions

Type: unit contributions

Units: months spent by the enrolled students (with or without scholarship) on the study activities needed to complete the EMJM master course (person-months)

Amount per unit: **EUR 750**

Contributions for special needs

Type: unit contributions

Units: number of special needs units (per enrolled student, with or without scholarship) that were needed for implementing the action (person-months)

Amount per unit*:

*Amount calculated as follows:
{requested special needs unit
multiplied by
(1/number of months)}

The pre-defined special needs units are: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

ESC SOLID (VHTPA)³⁵

Contributions for volunteers

Type: unit contributions

Units: days spent by the volunteers on the volunteering activities

Amount per unit:

- for projects selected under calls 2021, 2022 and 2023: **EUR 23**
- for projects selected under calls 2024 and onwards: **EUR 26**

Contributions for organisations

Type: unit contributions

Units: days spent by the volunteers on the volunteering activities

Amount per unit:

- for projects selected under calls 2021, 2022 and 2023: **EUR 37**
- for projects selected under calls 2024 and onwards: **EUR 43**

Contributions for inclusion support

Type: unit contributions

Units: days spent by the volunteers with fewer opportunities on the volunteering activities

³⁵ [Decision](#) of 12 April 2021 authorising the use of unit contributions for volunteering and solidarity actions under the European Solidarity Corps Programme 2021 - 2027.

Amount per unit:

- for projects selected under calls 2021, 2022 and 2023: **EUR 20**
- for projects selected under calls 2024 and onwards: **EUR 25**

ESC HUMAID³⁶

Contributions for volunteers

Type: unit contributions

Units: days spent by the volunteers on the volunteering activities

Amount per unit:

- for projects selected under calls 2021, 2022 and 2023: **EUR 32**
- for projects selected under calls 2024 and onwards: **EUR 35**

Contributions for organisations

Type: unit contributions

Units: days spent by the volunteers on the volunteering activities

Amount per unit:

- for projects selected under calls 2021, 2022 and 2023: **EUR 56**
- for projects selected under calls 2024 and onwards: **EUR 63**

Contributions for inclusion support

Type: unit contributions

Units: days spent by the volunteers with fewer opportunities on the volunteering activities

Amount per unit:

- for projects selected under calls 2021, 2022 and 2023: **EUR 20**
- for projects selected under calls 2024 and onwards: **EUR 25**

AMIF European Migration Network (EMN)³⁷

EMN ad hoc queries

Type: unit costs

Units: ad hoc queries answered in writing

Amount per unit*: see (for each beneficiary/affiliated entity) the unit cost table in Annex 2b

* Amount calculated as follows:

For beneficiaries/affiliated entities using only own personnel (or personnel of another department that is part of the same legal entity) to reply to queries:

³⁶ [Decision](#) of 08 October 2021 authorising the use of unit contributions under Humanitarian Aid Volunteering in the European Solidarity Corps Programme 2021 - 2027.

³⁷ [Decision](#) of 21 May 2021 authorising the use of unit costs under the European Migration Network for 2021-2027.

average personnel costs for one hour spent on ad hoc query (over past two years), i.e.:

$$\left\{ \left\{ \frac{\text{average of the annual remunerations (i.e. salaries, social security contributions, taxes and other statutory costs included in the remuneration) of the employees working on ad hoc queries (over past two years)}}{\text{actual or usual annual working hours of one employee (over past two years)}} \right\} \right\}$$

multiplied by

$$\left\{ \text{total number of hours spent on ad hoc queries (over past two years)} \right\}$$

divided by

$$\left\{ \text{total number of ad hoc queries (over past two years)} \right\}$$

For beneficiaries using only external experts (external contractors or personnel that is not part of the same legal entity) to reply to queries:

average rates per ad hoc query (over past two years), i.e.:

$$\left\{ \frac{\text{total costs invoiced (over past two years)}}{\text{total number of ad hoc queries (over past two years)}} \right\}$$

For beneficiaries using own personnel AND external experts to reply to queries:

total average personnel costs for ad hoc queries (over past two years), i.e.:

$$\left\{ \left\{ \left\{ \text{average personnel costs for one hour spent on ad hoc query, i.e.:} \right. \right. \right.$$

$$\left. \left. \left. \begin{array}{l} \text{average of the annual remunerations (i.e. salaries, social security contributions, taxes and} \\ \text{other statutory costs included in the remuneration) of the employees working on ad hoc queries} \\ \text{(over past two years)} \end{array} \right. \right. \right.$$

$$\left. \left. \left. \begin{array}{l} \text{actual or usual annual working hours of one employee (over past two years)} \\ \text{multiplied by} \\ \text{total number of hours spent on ad hoc queries (over past two years)} \end{array} \right. \right. \right.$$

$$\left. \left. \left. \text{plus} \right. \right. \right.$$

$$\left. \left. \left. \begin{array}{l} \text{total expert costs for all ad hoc queries (over past two years)} \\ \text{divided by} \\ \text{total number of ad hoc queries (over past two years)} \end{array} \right. \right. \right.$$

EMN translation of ad hoc queries

Type: unit costs

Units: translated ad hoc queries

Amount per unit*: see (for each beneficiary/affiliated entity) the unit cost table in Annex 2b

* Amount calculated as follows:

average translation fees per ad hoc query (over past two years), i.e.:

$$\left\{ \frac{\text{total fees for translations of (over past two years)}}{\text{total number of translated queries (over past two years)}} \right\}$$

CUSTOMS/FISCALIS personnel costs³⁸

Type: unit costs

Units: days spent working on the action (rounded up or down to the nearest half-day)

Amount per unit: see (for each beneficiary/affiliated entity) the unit cost table in Annex 2b

NDICI MOBAF³⁹

³⁸ [Decision](#) of 28 April 2021 authorising the use of unit costs for direct personnel costs for cooperation, collaboration and training actions under the Customs and Fiscalis programmes.

Contributions for scholarships

Type: unit contributions

Units: months spent by the scholarship holder on MOBAF mobility-related activities (person-months)

Amount per unit:

- for master students: **EUR 890**
- for doctoral candidates/trainees: **EUR 1 230**
- for staff: **EUR 2 370**

Institutional contributions

Type: unit contributions

Units: months spent by the scholarship holder on MOBAF mobility-related activities (person-months)

Amount per unit: **EUR 900**

Contributions for special needs

Type: unit contributions

Units: number of special needs units (per scholarship holder) that were needed for implementing the action (person-months)

Amount per unit*:

*Amount calculated as follows:
{requested special needs unit
multiplied by
(1/number of months)}

The pre-defined special needs units are: EUR 3 000, EUR 4 500, EUR 6 000, EUR 9 500, EUR 13 000, EUR 18 500, EUR 27 500, EUR 35 500, EUR 47 500 and EUR 60 000.

³⁹ [Decision](#) of 28 February 2023 authorising the use of unit contributions for the Intra-Africa Academic Mobility Scheme under the Neighbourhood, Development and International Cooperation Instrument.

ANNEX 2b

ADDITIONAL INFORMATION ON CUSTOMISED UNIT COSTS AND CONTRIBUTIONS

HE and Euratom Research Infrastructure actions⁴⁰

Unit cost table (Transnational access to research infrastructure unit cost and virtual access to research infrastructure unit cost)⁴¹

Short name access provider*	Short name infrastructure	Installation		Unit of access	Amount per unit	Estimated No of units	Total unit cost (cost per unit x estimated no of units)
		No	Short name				

* Beneficiary or affiliated entity. For installations of third parties indicate in this column the short name of the beneficiary/affiliated entity to which the third party is associated.

Euratom staff mobility costs⁴²

Unit cost table (Euratom Cofund staff mobility unit cost)

Participant	Secondment (name*, destination, duration**)	Type of unit cost	Unit	Amount per unit	Estimated No of units	Total unit cost (cost per unit x estimated no of units)
[insert short name of beneficiary/affiliated entity]	[insert information]	Monthly living allowance	person-month		3	
		Mobility allowance	person-month		3	
		Family allowance	person-month		3	
		Education allowance	person-month		3	

* For the estimated budget: NN should be used. (For the financial statements, NN should be changed to the real name.)

⁴⁰ [Decision](#) of 19 April 2021 authorising the use of unit costs for the costs of providing trans-national and virtual access in Research Infrastructure actions under the Horizon Europe Programme (2021-2027) and the Research and Training Programme of the European Atomic Energy Community (2021-2025).

⁴¹ Data from the Table on estimated costs/quantity of access to be provided that is part of the proposal and Annex 1.

⁴² [Decision](#) of 15 March 2021 authorising the use of unit costs for mobility in co-fund actions under the Research and Training Programme of the European Atomic Energy Community (2021-2025).

** For the estimated budget' count 30 days per month. (For the financial statements, the number of days and months must be adapted according to the actual duration of the secondment — according to the calculation explained in the AGA – Annotated Grant Agreement published on the EU Funding & Tenders Portal.)

INNOVFUND fixed premium auctions⁴³

Participant	Unit	Amount per unit	Estimated No of units	Total unit contributions (cost per unit x estimated no of units)
[insert short name of beneficiary]	[insert unit]	[insert price bid]		
[insert short name of affiliated entity]	[insert unit]	[insert price bid]		

SMP ESS personnel costs based on time⁴⁴

Unit cost table (ESS personnel costs based on time)

Unit cost grid [Participant name]			
Organisation:		[full official legal name of the organisation requesting validation of the grid]	
Validation request date:		[unit cost grid validation request date]	
Officials (permanent or temporary)		Contractual staff (temporary or unlimited employment contract)	
Paygrade	Amount per unit (daily rates)	Paygrade	Amount per unit (daily rates)

Unit cost grid [Participant name]	
Organisation:	[full official legal name of the organisation requesting validation of the grid]
Validation request date:	[unit cost grid validation request date]

⁴³ [Decision](#) of 27 October 2023 authorising the use of unit contributions for auction actions under the Innovation Fund.

⁴⁴ [Decision](#) of 6 April 2021 authorising the use of unit costs for eligible personnel costs for actions implemented by Eurostat.

Officials (permanent or temporary)		Contractual staff (temporary or unlimited employment contract)	
Paygrade	Amount per unit (daily rates)	Paygrade	Amount per unit (daily rates)

...

AMIF European Migration Network (EMN)⁴⁵

EMN ad hoc queries

Unit cost table (EMN ad hoc queries)

Participant	Unit	Amount per unit	Estimated No of units	Total unit cost (cost per unit x estimated no of units)
[insert short name of beneficiary]	answered ad hoc queries			
[insert short name of affiliated entity]	answered ad hoc queries			

EMN translation of ad hoc queries

Unit cost table (EMN translation of ad hoc queries)

Participant	Unit	Amount per unit	Estimated No of units	Total unit cost (cost per unit x estimated no of units)
[insert short name of beneficiary]	translated ad hoc queries			
[insert short name of affiliated entity]	translated ad hoc queries			

CUSTOMS/FISCALIS personnel costs⁴⁶

Unit cost table (Customs/Fiscalis personnel costs based on time)

⁴⁵ [Decision](#) of 21 May 2021 authorising the use of unit costs under the European Migration Network for 2021-2027.

⁴⁶ [Decision](#) of 28 April 2021 authorising the use of unit costs for direct personnel costs for cooperation, collaboration and training actions under the Customs and Fiscalis programmes.

Unit cost grid [Participant name]			
Organisation:		[full official legal name of the organisation requesting validation of the grid]	
Validation request date:		[unit cost grid validation request date]	
Officials (permanent or temporary)		Contractual staff (temporary or unlimited employment contract)	
Paygrade	Amount per unit (daily rates)	Paygrade	Amount per unit (daily rates)

Unit cost grid [Participant name]			
Organisation:		[full official legal name of the organisation requesting validation of the grid]	
Validation request date:		[unit cost grid validation request date]	
Officials (permanent or temporary)		Contractual staff (temporary or unlimited employment contract)	
Paygrade	Amount per unit (daily rates)	Paygrade	Amount per unit (daily rates)

...

HISTORY OF CHANGES		
VERSION	PUBLICATION DATE	CHANGE
1.0	19.08.2021	Initial version
1.1	01.04.2023	Euratom staff mobility unit cost updated. NDICI MOBAAF unit cost added. Fn1 corrected. Country name for Türkiye corrected. Travel cost for AT-HU corrected (58 EUR instead of 589).
1.2	15.09.2023	Update Travel unit cost (Decision C(2023) 4928; 26.7.2023).
1.3	15.11.2023	New INNOVFUND auction unit cost
1.4	01.02.2024	Travel unit cost corrected: calls with opening date as from <u>after</u> 26 July 2023. Addition of HE MSCA amounts from applicable Work Programme. Update unit contributions for ESC SOLID and ESC HUMAID.