

MPA SCHEDULE 4

METHOD FOR DETERMINING THE NUMBER OF COST UNITS ATTRIBUTABLE TO SIGNATORIES AND THOSE ORGANISATIONS HOLDING PROVISIONAL STATUS

(This schedule should be read in conjunction with the attached example spreadsheet.)

A. INTERNATIONAL ENGINEERING AGREEMENTS ASSOCIATED WITH ACCREDITATION OF PROGRAMMES (IEA "Acc") — WASHINGTON ACCORD, SYDNEY ACCORD, DUBLIN ACCORD

A.1 Base units for all signatories and organisations holding provisional status:

Signatories: 1 base unit
Organisations holding provisional status 1 base unit

A.2 Programme units for signatories (as at the end of the relevant IEM)

| Number of Active Accredited Programs | Programme Units |
|--------------------------------------|-----------------|
| 1-40 | 1 |
| 41-100 | 2 |
| 101-300 | 3 |
| 301-600 | 4 |
| 601-2000 | 5 |
| 2001+ | 6 |

For each signatory:

No. of equivalent program units

$$= \frac{\text{no. of program units} \times \text{total number of base units calculated under A.1}}{\text{total number of program units under A.2}}$$

For Sig 2, in the example spreadsheet, the Equivalent program units would be

$$\text{No. of equivalent program units} = 2 \times (7/12)$$

which is 1.167.

A.3 Total Number of Participant Units for Signatory 2 in International Engineering Agreement IEA "Acc" X

Total participant units for Sig 2 in IEA "Acc" X

$$= \text{no. of base units for Sig 2 under A1.} + \text{(no. of equivalent program units for Sig 2 under A2.} \\ \text{Total participant units} = 1 + 1.167 = 2.167$$

B. INTERNATIONAL ENGINEERING AGREEMENTS ASSOCIATED WITH REGISTRATION OF PERSONS DEMONSTRATING COMPETENCE IEA “Comp” — ENGINEERS MOBILITY FORUM, APEC ENGINEER AGREEMENT, ENGINEERING TECHNOLOGIST MOBILITY FORUM

B.1 Base units for all signatories and organisations holding provisional status:

Signatories: 1 base unit
 Organisations holding provisional status: 1 base unit

B.2 Registrant units for signatories (as at the end of the relevant IEM)

| Number of Registrants | Registrant Units |
|-----------------------|------------------|
| 1-1000 | 1 |
| 1001-2500 | 2 |
| 2501-7500 | 3 |
| 7501-15,000 | 4 |
| 15,001-50,000 | 5 |
| 50,001+ | 6 |

For each signatory:

No. of equivalent registrant units

$$= \frac{\text{no. of registrant units} \times \text{total number of base units calculated under B.1}}{\text{total number of registrant units under B.2}}$$

B.3 Total Number of Participant Units for Signatory 2 in International Engineering Agreement “Comp” Y

Total participant units for Signatory 2 in IEA “Comp” Y

$$= \text{no. of base units for Sig 2 under B1} + \text{no. of equivalent reg units for Sig 2 under B2}$$

C. DETERMINATION OF NUMBER OF COST UNITS FOR EACH INTERNATIONAL ENGINEERING AGREEMENT AND ALLOCATION OF THOSE COST UNITS

Cost units for all International Engineering Agreements are calculated relative to the Washington Accord. Thus the Relativity Factor for the Washington Accord is 1.00. In the example spreadsheet IEA “Acc” X is the Washington Accord.

For an international engineering agreement

$$\text{Number of cost units} = \text{Number of participant units} \times \text{relativity factor}$$

where:

Relativity factor =

$$\frac{\text{hours to service IEA}}{\text{total base units for IEA}} \times \frac{\text{total base units for Washington Accord}}{\text{Hours to service Washington Accord}}$$

In the context of any international engineering agreement, the number of cost units for an agreement signatory is then:

Number of cost units for signatory =

Number of participant units for signatory x relativity factor for particular IEA

The total number of cost units for a participant involved in more than one IEA is the sum of the cost units for that participant across all IEAs

D. PRICE OF A COST UNIT

Annual price of a cost unit =

$$\frac{\text{Annual tendered price for the secretariat services}}{\text{Total number of cost units across all participants in all IEAs}}$$

However, no participant shall pay more than 20% of the total costs.

if there is a total of "N" agreement participants each having more than 20% of the total cost units then:

Annual price of a cost unit =

$$\frac{(1.0 - 0.2 N) \times (\text{Annual tendered price for the secretariat services})}{(\text{Total number of cost units for all participants}) - (\text{total no. of cost units for the N participants})}$$

If N is more than 4 the Selection and Monitoring Committee will recommend an appropriate contribution from the N participants.

E. OBLIGATIONS ON PARTIES TO THIS MULTI-PARTY AGREEMENT

(Total annual contribution) = (Total number of cost units across all IEAs) x (price of one cost unit)

except that the maximum paid by any one agreement participant shall be 0.2 x annual tendered price for providing secretariat services

F. APPLICATION FEE FOR PROVISIONAL STATUS OF AN IEA

(One half of one cost unit) x (Relativity factor for the IEA)

| Example Spreadsheet for one IEA "Accreditation" (the Washington Accord) labelled X and one unspecified IEA "Competence" labelled Y | | | | | | | |
|---|------------|------------|------------------------------------|-------------------|------------|--------------------|-------------------|
| IEA "Acc" X | | | Relativity = 1.00 | | 1200 | Service hours | |
| | Base Units | Prog Units | Equiv prog units | Participant units | Cost units | Number of | Program |
| Sig 1 | 1 | 4 | 2.33 | 3.33 | 3.33 | Active | Units |
| Sig 2 | 1 | 2 | 1.17 | 2.17 | 2.17 | Accredited | |
| Sig 3 | 1 | 1 | 0.58 | 1.58 | 1.58 | Programs | |
| Sig 4 | 1 | 5 | 2.92 | 3.92 | 3.92 | Up to 40 | 1 |
| Prov 1 | 1 | 0 | | 1.00 | 1.00 | 41-100 | 2 |
| Prov 2 | 1 | 0 | | 1.00 | 1.00 | 101-300 | 3 |
| Prov 3 | 1 | 0 | | 1.00 | 1.00 | 301-600 | 4 |
| Sum | 7 | 12 | 7.00 | 14.00 | 14.00 | 601-2000 | 5 |
| | | | | | | 2001+ | 6 |
| IEA "Comp" Y | | | Relativity = $300/1200*7/5 = 0.35$ | | 300 | Service hours | |
| | Base Units | Reg Units | Equiv. reg units | Participant units | Cost units | | |
| Sig 1 | 1 | 1 | 0.833 | 1.833 | 0.642 | | |
| Sig 2 | 1 | 2 | 1.667 | 2.667 | 0.933 | | |
| Sig 5 | 1 | 1 | 0.833 | 1.833 | 0.642 | | |
| Sig 6 | 1 | 2 | 1.667 | 2.667 | 0.933 | | |
| Prov 4 | 1 | 0 | | 1.000 | 0.350 | | |
| Sum | 5 | 6 | 5.000 | 10.000 | 3.500 | | |
| | | Cost units | | | | | |
| | "Acc" X | "Comp" Y | Total | Contribution | | | |
| Sig 1 | 3.33 | 0.64 | 3.98 | 7496.85 | | Number of | Registrant |
| Sig 2 | 2.17 | 0.93 | 3.10 | 5846.60 | | Registrants | Units |
| Sig 3 | 1.58 | | 1.58 | 2986.17 | | 1-1000 | 1 |
| Sig 4 | 3.92 | | 3.92 | 7386.83 | | 1001-2500 | 2 |
| Sig 5 | | 0.64 | 0.64 | 1210.18 | | 2501-7500 | 3 |
| Sig 6 | | 0.93 | 0.93 | 1760.27 | | 7501-15,000 | 4 |
| Prov 1 | 1.00 | | 1.00 | 1886.00 | | 15,001-50,000 | 5 |
| Prov 2 | 1.00 | | 1.00 | 1886.00 | | 50,001+ | 6 |
| Prov 3 | 1.00 | | 1.00 | 1886.00 | | | |
| Prov 4 | | 0.35 | 0.35 | 660.10 | | | |
| | 14.00 | 3.50 | 17.50 | 33005 | | | |
| Annual unit price = $33,000/17.5 =$ | | | Total cost = | 33,000 | euro | | |