

Minor Uses Developments

47th Meeting of the Working Party on Plant Protection Products

Berlin, Germany, 10-12 May 2017

Jeroen Meeussen - Coordinator



Co-funded by the
European Union

Content

- ▶ Update MUCF
- ▶ Long-term funding
- ▶ EU Minor Uses Database (EUMUDA)
- ▶ Way forward



Minor Uses - Definition

Regulation (EC) No 1107/2009 - Article 3(26):

Use of a plant protection product in a particular Member State on plants or plant products which are:

(a) **not widely grown** in that Member State,

or

(b) **widely grown** to meet an **exceptional** plant protection need.



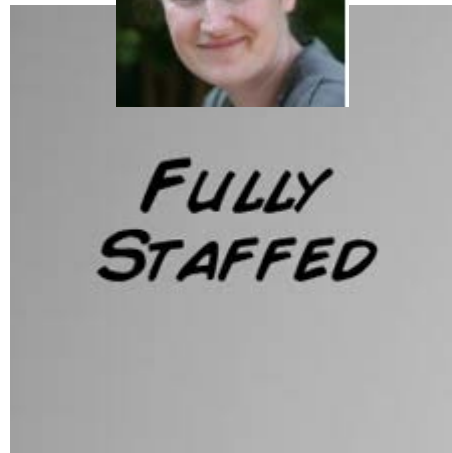
From 'Minor crops' to 'Speciality crops'!



Coordination Facility

Recruitment of staff:

By 1 November 2016 the Coordination Facility is fully staffed with the **coordinator**, an **IT-officer**, **administrator** and **technical expert**.



Minor Uses Newsletter



EUROPEAN UNION MINOR USES COORDINATION FACILITY

Newsletter

No. 1, January-February-March 2017

Minor uses, major issue!

When writing this editorial from the EPPO headquarters, we can clearly notice that spring is arriving in Paris. Also for many crops this is the start of a new growing season and the products of all these 'minor crops' will find their way to tables across the region.



The first Newsletter of the EU Minor Uses Coordination Facility is now in front of you. From the start of this EU project in 2015 a lot has been initiated and already accomplished. Since November last year we are fully staffed. But we are not yet there, a lot still needs to be done.

Last January an important event took place. We organised our first 'Stakeholder Advisory Forum'. It was well attended and an intensive exchange of views took place on many issues. One of the main topics that was discussed, was the long-term funding strategy for the Coordination Facility. Funds are guaranteed for three years, but not all minor use needs will be solved in this period!

Stakeholder Advisory Forum

25 January 2017, Brussels



A total of **48 participants**, representing governments of Member States, the EU Commission, growers, agri-food chain and industry associations, attended the event.

Stakeholder Advisory Forum



- ▶ Introductory remarks were made by the **European Commission**:
"Already excellent progress is achieved by the MUCF" .

Stakeholder Advisory Forum

- ▶ Overall the forum stakeholders were **very positive** about the **work achieved** by the MUCF, and agreed that this newly established structure should **continue**. **Strong engagement** and **commitment** from MSs governments and EU Commission are expected.



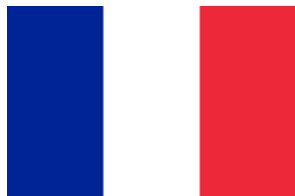
Content

- ▶ Update MUCF
- ▶ Long-term funding
- ▶ EU Minor Uses Database (EUMUDA)
- ▶ Way forward



Long-term funding

- ▶ EUMUCF is **jointly funded** by the **European Union** and the the governments of **France**, **Germany** and **the Netherlands**
- ▶ Currently, the funding of the Coordination Facility has been guaranteed by France, Germany and the Netherlands for the **first three years** (until April 2018)



Minor Uses Problems

- ▶ Since 1963, the **IR-4 Project** has been the major factor in facilitating the registration of crop protection tools for US specialty crop growers.
- ▶ The **Pest Management Centre (PMC)** is the Canadian equivalent of the USA IR-4 programme. The minor uses programme in Canada runs since 2002.
- ▶ It is clear that minor uses problems in the EU will **not all be resolved** in three years.



Long Term Funding Strategy

- ▶ A priority for the Coordination Facility will be ensuring **longer term financial sustainability** by encouraging **financial commitments from all Member States**.
- ▶ Preferably commitment for contributions should be provided for a **longer period**.



Long-term funding

- ▶ Already several **other Member States** have indicated their willingness to **contribute to the funding** of the Coordination Facility.



- ▶ Preferably **all Member States** should contribute!

Next steps

- ▶ Member States will be approached by the Coordination Facility with a **request for a voluntary assessed contribution**.
- ▶ Such a request will be accompanied by the **annual report and work plan** of the Coordination Facility.



Content

- ▶ Update MUCF
- ▶ Long-term funding
- ▶ **EU Minor Uses Database (EUMUDA)**
- ▶ Way forward



Why a 'new' EUMUDA?

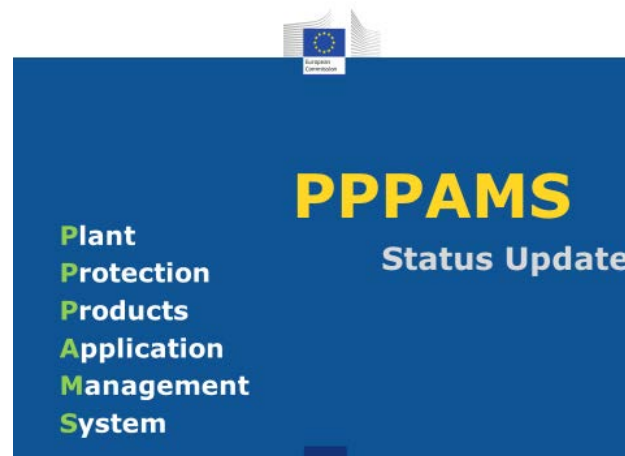
- ▶ Some of the information is **outdated**
- ▶ Origin of some information is **not traceable**
- ▶ Status of projects is **unclear**

BUT

- ▶ **Basic structure** of EUMUDA has been **maintained**
- ▶ Fields have been kept, but aligned with **PPPAMS**



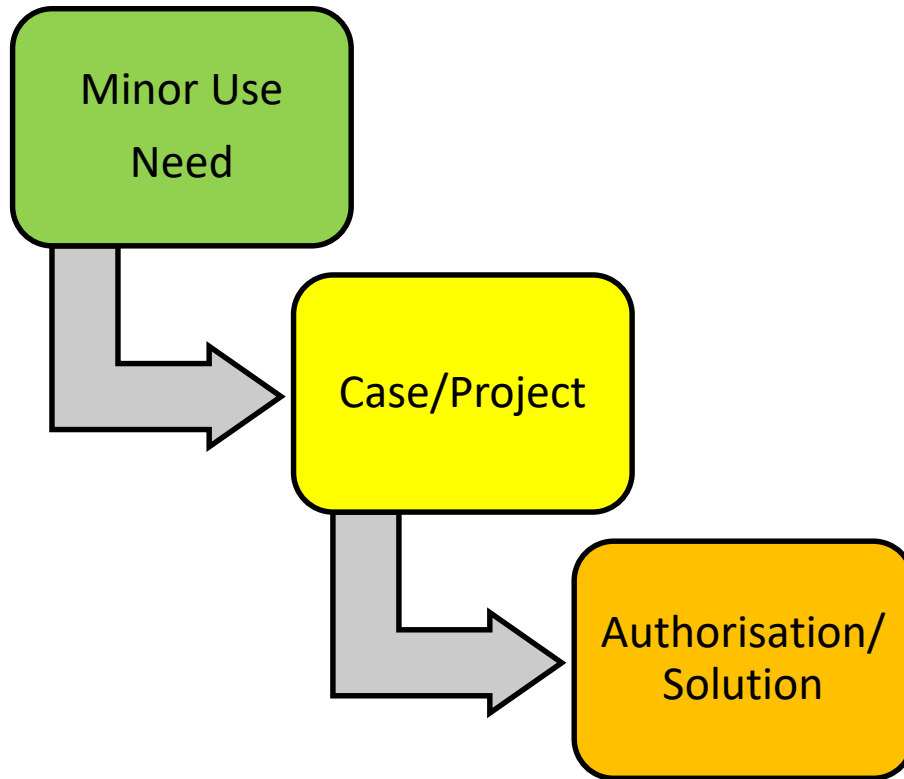
EUMUDA - PPPAMS



The PPPAMS is developed by the European Commission to enable industry users to create applications for PPPs and submit these to Member States for evaluation.

The use of PPPAMS will become mandatory!

Steps to be taken...



A **case** is any unsolved problem in the minor use needs table. A **project** will be carried out by a **Commodity Expert Group**.

Minor use need

- ▶ A minor use need has been identified and entered in EUMUDA

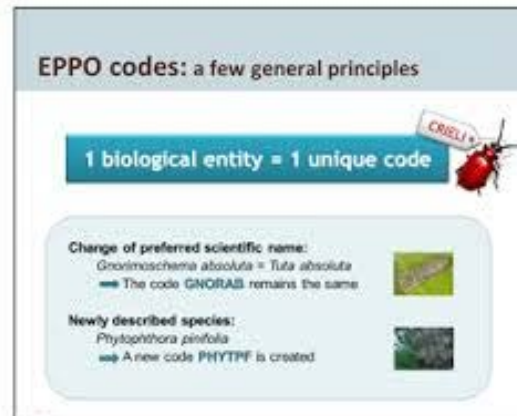
- ▶ Minimum data:

1 crop

1 pest

1 Member State

1 date



- ▶ **Case** will be displayed in the "Minor Uses table of needs"
- ▶ Every case has a **unique number**
- ▶ An unsolved case will become a **project** and will be carried out by a **Commodity Expert Group**

Minor Uses Table of Needs

Excel

Print

Search:

Case id ▲ Crop code ▾ Crop ▾ Pest code ▾ Pest ▾ Year ▾ Area of use ▾ Function ▾ Member State ▾ Latest status ▾ + Comments ▾

C-1	-	vegetables	CAVAAE	Carrot aphid	2016	Outdoor or field use	insecticide	Netherlands	Minor use need refused by MUCF	
C-2	DAUCS	carrots	-	aphids	2016	Outdoor or field use	insecticide	Netherlands	Minor use need refused by MUCF	
C-3	DAUCS	carrots	CAVAAE	Carrot aphid	2016	Outdoor or field use	insecticide	Netherlands	Case unsuccessfully completed	
C-4	LACSA	lettuce	SCLPST	Downy mildew	2016	Outdoor or field use	fungicide	Estonia	Case successfully completed	
C-5	HOPSS	hops	PHYTCI	Black Rot Root	2016	Outdoor or field use	fungicide	Germany	Case unsuccessfully completed	
C-6	RUBID	raspberry	ACEIGR	Raspberry leaf mite	2016	Greenhouse application	insecticide	United Kingdom	Case successfully completed	

Case id Crop code Crop Pest code Pest Year Area of use Function Member State Latest status + Comments

Showing 1 to 6 of 6 entries

Previous

1

Next

And you can see all status of this case by clicking on the + button

Minor Uses Table of Needs

Work Programmes

Minor Crops Acreages

Minor Uses Table of Needs

Excel

Print

Search:

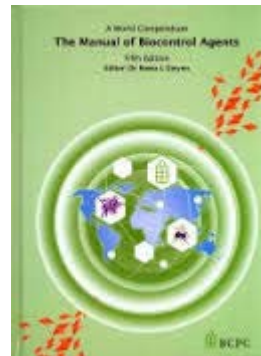
Case id	Crop code	Crop	Pest code	Pest	Year	Area of use	Function	Member State	Latest status	+	Comments	
C-1	-	vegetables	CAVAAE	Carrot aphid	2016	Outdoor or field use	insecticide	Netherlands	Minor use need refused by MUCF	+		
C-2	DAUCS	carrots	-	aphids	2016	Outdoor or field use	insecticide	Netherlands	Minor use need refused by MUCF	+		
C-3	DAUCS	carrots	CAVAAE	Carrot aphid	2016	Outdoor or field use	insecticide	Netherlands	Case unsuccessfully completed	+		
C-4	LACSA	lettuce	SCLPST	Downy mildew	2016	Outdoor or field use	fungicide	Estonia	Case successfully completed	+		
C-5	HOPSS	hops	PHYTCI	Black Rot	Root	2016	Outdoor or field use	fungicide	Germany	Case unsuccessfully completed	+	
C-6	RUBID	raspberry	ACEIGR	Raspberry leaf mite	2016	Greenhouse application	insecticide	United Kingdom	Case successfully completed	+		

- 2016-10-22 Minor use need validated by MUCF : Possible solutions are looked at by MUCF (source : MUCF)
- 2016-10-24 Possible solutions identified : An authorisation exist in FI for this crop-pest need (PRODUCT X-FI). Information found in Homologa. (source : MUCF)
- 2016-10-25 Information forwarded to Member State : Information on the existing authorisation in FI (PRODUCT X-FI) has been forwarded to EE to see if Mutual Recognition is possible. (source : MUCF)
- 2016-11-14 Reply from Member State that possible solution can be applied : Application for Mutual Recognition is submitted. (source : MUCF)
- 2017-01-10 Case successfully completed : Authorisation granted in EE (PRODUCT X-EE). No follow up project is needed. (source : MUCF)

Case id Crop code Crop Pest code Pest Year Area of use Function Member State Latest status + Comments

Step 2: Check databases

The Coordination Facility will check databases for possible solutions e.g. PPPAMS, Homologa, the IR-4 and C-IPM databases





Homologa™

The Global Crop Protection Database about Plant Protection Products and their Maximum Residue Limits (MRLs)

Detailed Information about:

- Approved plant protection products
National product name, registration number, company name, active ingredients, concentration, formulation, product group, crop name, crop group, pest name, method of application, time of application, pest/problem, minimum dose rate, maximum dose rate, amount of water, maximum number of treatments, pre-harvest-interval and for some countries: risk phrases, symbols and environmental phrases.
- Registration-Status of active ingredients on EU-level
- Actual status of registration (new, expired and /or last use date)
- Approved parallel imports
- Maximum Residue Levels (Mrls) in foodstuffs
- New or modified Mrls
- Export-/import statistics of food and ornamentals

Homologa™

	A	B	C	D	E	F	G	H	I	J	K	
40	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	CULTURES LEGUMIERES	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	BUGGY UFFER	9300542	GLYPHOSATE	AL	MD
41	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	CULTURES LEGUMIERES	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	BURREN	2000499	GLYPHOSATE	SL	BAF
42	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	CULTURES LEGUMIERES	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	CANEL	2100008	GLYPHOSATE	SL	CHE
43	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	CULTURES LEGUMIERES	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	CATAMARAN BCP 360	2110068	GLYPHOSATE	SL	BEL
44	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	CULTURES LEGUMIERES	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	CATAMARAN BCP 360	2110068	GLYPHOSATE	SL	BEL
45	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	TRAITEMENT S GENERAUX	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	CAVENNE	2120143	GLYPHOSATE	SL	ALB CHE
	FRANCE	POTATOES-SWEET(IPO MOEA BATATAS)	TRAITEMENT S GENERAUX	HERB-TOTAL NON-RESIDUAL	GRASSES	GRASSES	ANNUAL-GRASS-WEEDS	CAVENNE	2120143	GLYPHOSATE	SL	AGS FLS

The Homologa search related to the use grass weeds on sweet potato in the Southern zone results in a range of chemical products registrations with a few active substances.

Further information on the active substances was found in the EU pesticide database and was also considered for preparing MUCF recommendations.

A recommendation is made related to a product registered in Spain (see table below).

- Most of the registrations are based on glyphosate in France. It is assumed that UNILET is already aware of glyphosate product registrations in France and that this is not a solution envisaged. Therefore, registrations on glyphosate have not been considered further.
- For the product based on amitrole/ammonium-thiocyanate in Portugal: this solution cannot be recommended by the MUCF as amitrole is a non-renewed active substance, with a period of grace till 30 September 2017, and ammonium-thiocyanate is not for use in a plant protection product
- For the product containing glufosinate-ammonium: this solution is not recommended by the MUCF as this appears not sustainable. The active substance is a candidate for substitution with extended expiry date of 31/07/2018.

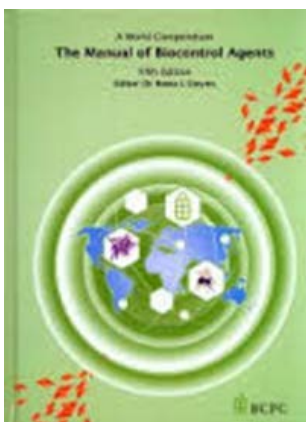
The BCPC manual indicates pine-oil as botanical active substance that could potentially be of interest on weeds, but this active substance is not pending or approved in the EU.]

Plant protection products (PPPs)

Type of PPP	Product name (active substance)	Possible way forward	Remarks
Chemical PPP	3 products (fluzifop-P-B)	Mutual recognition from Spain	

BCPC Manual of Biocontrol Agents

The Manual of Biocontrol Agents 2014



Macro-organisms

Amblyseius barkeri

A natural enemy used in products against mites.

NOMENCLATURE Approved name: No approved name.

Common name: No common name.

BIOGEOGRAPHY Indigenous to Europe, Africa, Israel and USA.

TARGETS *Phytonemus pallidus* (cyclamen mite); *Polyphagotarsonemus latus* (broad mite, yellow tea mite, citrus silver mite).

CROPS Strawberry. *Indicative list only: always check the country-specific label for detailed list of registered crops.*

BIOLOGICAL ACTIVITY Mode of action: Adults and nymphs locate prey and consume their internal contents.

PRODUCTS Amblyline bar (Syngenta).

Amblyseius californicus

A natural enemy and acaricide used in products against mites.

NOMENCLATURE Approved name: No approved name.

Common name: No common name. **Other name:** Formerly *Neoseiulus californicus*.

BIOGEOGRAPHY Indigenous to Mediterranean and tropical areas.

TARGETS *Panonychus citri* (citrus red mite); *Tarsonemus pallides* (cyclamen mite, strawberry mite); *Tetranychus urticae* (two-spotted spider mite, red spider mite); *Raoiella indica* (red palm mite); *Brevipalpus* spp.; *Polyphagotarsonemus latus* (broad mite, yellow tea mite, citrus silver mite); *Panonychus ulmi* (European red mite, fruit tree red spider mite); *Tetranychus cinnabarinus* (carmine spider mite, cotton red spider mite).

CROPS Fruit-bearing vegetables; Spice crops; Berries; Ornamentals (protected); Flower crops; Grapes. *Indicative list only: always check the country-specific label for detailed list of registered crops.*

BIOLOGICAL ACTIVITY Mode of action: Adults, nymphs and larvae locate and consume the internal contents of their prey. All prey stages are targeted, with a preference for early stages. In the absence of prey the mites can also survive on pollen.

PRODUCTS Spical-Plus (Koppert B.V.); Triple Threat (Nature's Control); Neoseiulus californicus (Rincon-Vitova Insectaries); Spical (Koppert B.V.); Neoseiulus californicus (Arbico Organics); Predatory Mite, Neoseiulus californicus (Bugs for Growers); Neoseiulus californicus (Tip Top Bio-Control); Amblyline cal (Syngenta); Californicus (Biological Services); Californicus (Bugs for Bugs); Californicus-Breeding-System (Biobest); Californicus-System (Biobest); Spider Mite Control – Californicus (Buglogical Control Systems).

Step 3: Start of a Project



MENU

[MINOR USES TABLE OF NEEDS](#)

[MINOR USES WORK PROGRAMMES](#)

[MINOR CROPS ACREAGE TABLE](#)

General

[Active substances & Product](#)

[Residues](#)

[Efficacy](#)

[Check list](#)

[Project status & Comments](#)

Please save your data by clicking the button at the end of this page, before moving to another page

Project

Commodity Expert Group

-- Select --

Member States Participating

Select one or several countries

Growers Associations
participating

-- Select --

Crop group :

-- Select --

EPPO codes are used for crops and pests

Crop group :

Crop name and EPPO code

Field / Greenhouse / Indoor

Pest name and EPPO code

Project started on

Product name or product code

Active substance

Save information

GAP TABLE

Method / kind *i*

- drench
- drilling
- drip
- dusting
- foliar spray

Timing/growth stage of crop

between 31^ (1 node c

Max No per use *i*

2

Max.app.rate per prod *i*

175.00

Max.app.rate per AS *i*

0.00

Min. water volume *i*

200.00

Seed treatment *i*

Yes

Remarks *i*

For example 50000 ml per ha could be expressed as 5×10^4 . In this case in the scale field the number '4' would be input and the number 5 would be input in the 'max app. rate per prod'. For very small numbers a minus figure can be added. e.g. 0.0005 would be 5×10^{-4} . In this case '-4' would be added to the scale field. Default value is 0.

Pop up boxes with definition from PPPAMS

List of references for GAP from PPPAMS

rosette growth, sho

and 60 (First flowers open (sporadically) Flowering (main :

Max No per crop/season *i*

2

Unit *i*

- Select --
- Spraying and soil treatments
- g/ha
- g/plant number
- granules/ha
- granules per 100m
- granules per row
- kg/ha
- kg/per 100 m2
- kg/per area in m2
- kg/per area in m3
- l/ha
- l/per 100m2
- l/per area in m2
- l/per area in m3
- ml/100m2
- ml/ha
- ml/plant number
- Seeds
- g/dt

Max.total rate per prod *i*

0

te per AS *i*

0

upon development stage of crop ? *i*

0

Min interval between applications *i*

10.00

Scale

0

Unit *i*

-- Select --

Scale

0

Unit *i*

-- Select --

PHI (days) *i*

21.00

Project Agreement

Aim to develop a template for a 'project agreement' for future EU trials, containing:

- ▶ Parties involved
- ▶ Their tasks
- ▶ Agreed timelines
- ▶ ...

It is foreseen that information from EUMUDA can be directly exported to the 'project agreement'

This template would be **no legal document**



MENU

MINOR CROPS ACREAGE TABLE

MINOR CROPS USES TABLE

General

Active substances & Product

Residues

Efficacy

Check list

Project status & Comments

Please save your data by clicking the button at the end of this page, before moving to another page

Project status and comments

Project status

-- Select --

-- Select --

Project started ()

Project refused by MUCF or CEG (because there is insufficient information provided)

Project ongoing (data generation)

Project terminated (one of the project partner has withdrawn from the project)

Project successfully completed, but follow up project is recommended (Authorisation granted, but because of resistance management more solutions need to become available)

Project successfully completed (Authorisation granted or solution found)

Project unsuccessfully completed (No authorisation granted or no solution found)

CEG comments :

Save information

What are the benefits?

- ▶ A new tool for CEGs, using same structure and same information as before, but with a **more detailed follow up** of each project
- ▶ A more **accurate** and **consistent** information for each case / project
- ▶ With additional fields for an easier follow up of the authorization process : same GAP information as in PPPAMS, for a **better exchange of information**
- ▶ Information can be entered with list of selection, **harmonized** with EU lists of reference (functions, formulations,)



BENEFITS

Content

- ▶ Update MUCF
- ▶ EU Minor Uses Database (EUMUDA)
- ▶ Long-term funding
- ▶ **Way forward**



The ambition of the MUCF

- ▶ 'Level playing field' for EU growers of 'speciality crops'
- ▶ Focus on 'non-chemical' solutions
- ▶ Solve 'regulatory hurdles'
- ▶ Encourage EU mind set of all parties involved
- ▶ Carry out EU projects to solve national issues
- ▶ EU-fund for minor use projects
- ▶ Continuity of the MUCF



BENEFITS

Solve minor use problems!

Global Minor Use Summit - 3

The **GMUS-3** will put greater emphasis on **Policy Considerations** that can help specialty crop growers around the world obtain access to safe and modern tools to produce their crops, and to promote trade among nations.

Date: October 1-4, 2017

Location: Fairmont Queen Elizabeth Hotel
Montreal, Quebec, Canada

<http://gmup.org/>



THANK YOU FOR YOUR ATTENTION



ANY QUESTIONS



Jeroen Meeussen
Coordinator
European Union Minor Uses Coordination Facility
21 boulevard Richard Lenoir
75011 Paris
FRANCE

T +33(0)1 84 79 07 55
M +33(0)7 60 82 22 36
E jeroen.meeussen@minoruses.eu

website: www.minoruses.eu

