EPPO Codes to describe uses of Plant Protection Products

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The EPPO Working Party on PPP outlined the need for developing Codes to describe PPP uses

The main **reasons** for the development are:

- Facilitate communication and data exchange (databases) among countries

- The need for harmonized definitions of declared uses of products to facilitate comparison among countries (mutual recognition and zonal assessment called for in EU Regulation 1107/2009).

- Facilitate the work related to extrapolation of data (e.g. for efficacy evaluation of minor uses)

EPPO Ad hoc Panel on Harmonization of data on PPP

Ad hoc **Panel on Harmonization of data on PPP** appointed by the EPPO Working Party on PPP as the **suitable body** for the creation and maintenance of codes to describe uses of PPP ('non-taxonomic' codes)

Agreed principles based on **regulatory authorities and industry perspectives on EPPO codes** :

- Codes are not deleted or modified nor is the meaning of a code changed retrospectively;

- All the EPPO Codes (taxonomic and non-taxonomic) remain in one single database (**EPPO Global Database**).

- Groupings are intended to be **meaningful in the context of PPP** efficacy evaluation in particular, and based on demonstrated and potential usefulness for registration purposes. EU Residue classification considered where possible.

EPPO Ad hoc Panel on Harmonization of data on PPP

- Codes are meant to be used in the **EU 'core dossier**', in the **GAP table** - for national registration purposes and label descriptions countries may wish to continue to use national crop and pest grouping;

- In certain cases, **lists of species** are needed to clarify and harmonise the content of (Crop) groups. In other cases (Pests, Weed? Qualifiers…) a **description** will be sufficient;

- EPPO Standard PP 1/248 *Harmonized classification and coding of the uses of plant protection products*

EPPO Standard PP 1/248

Elements recommended for characterizing a use:

- Crops
- Other treated objects (=non-crop objects) e.g. fallow, amenity grassland
- Crop destination e.g. grown for human consumption, for animal feed
- Crop location e.g. grown outdoors, under protection
- Treatment e.g. treatment of aerial parts, of seeds
- Target e.g. pest groups, plant growth regulation

- The principle that a PPP use can be described by a combination of codes including 'Qualifiers'

EPPO Ad hoc Panel on Harmonization of data on PPP

The *ad hoc* Panel prepared classifications of codes for **Crop Groups** (i.e. groups, sub-groups, list of species) :

- Arable crops - including cereals
- Fruit
- Vegetables
- Herbs, spices and medicinal plants
- Ornamentals (top levels only)

Approved by WP PPP

A number of codes for **Crop Destination** and **Crop Location** identified (more work to be done on definitions)

Draft classification for crop groups sent to users on 2016-04-06
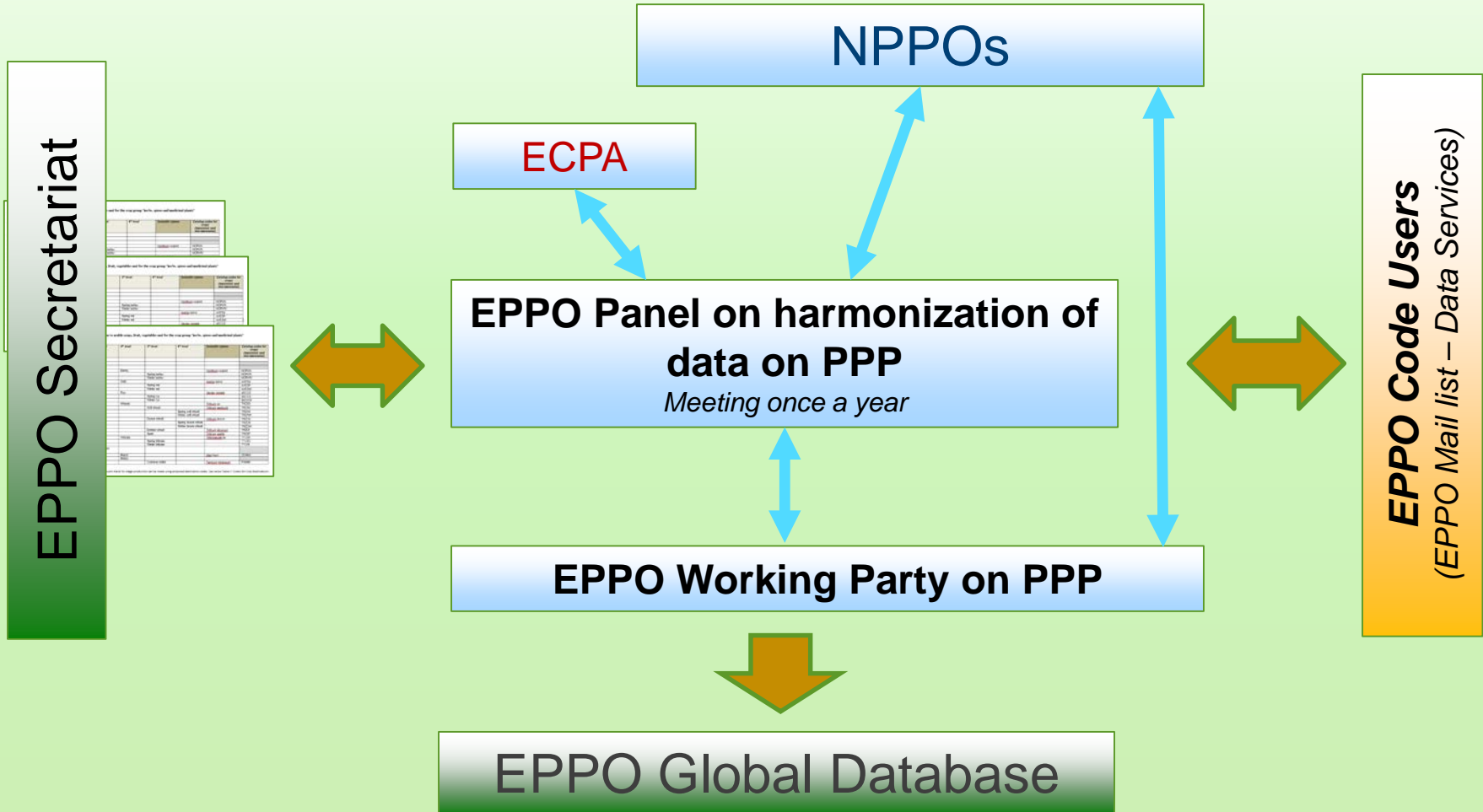
Extract of classification for arable crops

1st level	2nd level	3rd level	4th level	5th level	6th level	Scientific names	Existing codes for crops (taxonomic and ...ic)
Crops							
	Arable crops						
		Cereals					
			Barley			*Hordeum vulgare*	HORVX
				Spring barley			HORVS
				Winter barley			HORVW
			Oats			*Avena sativa*	AVESA
				Spring oat			AVESP
				Winter oat			AVESW
			Rye			*Secale cereale*	SECCE
				Spring rye			SECCS
				Winter rye			SECCW
			Wheats			*Triticum sp.*	TRZSS
				Soft wheat		*Triticum aestivum*	TRZAX
					Spring soft wheat		TRZAS
					Winter soft wheat		TRZAW
				Durum wheat		*Triticum durum*	TRZDU
					Spring durum wheat		TRZDS
					Winter durum wheat		TRZDW
				Emmer wheat		*Triticum dicoccon*	TRZDI
				Spelt		*Triticum spelta*	TRZSP
			Triticale			*Triticosecale sp.*	TTLSS
				Spring triticale			TTLSO
				Winter triticale			TTLWI
		Maize and Millets					
			Maize[1]			*Zea mays*	ZEAMX
			Millets				
				Common millet		*Panicum miliaceum*	PANMI

NNNAC Field Crop Plants?

NNNGG Cereal plants?

[1] The distinction between grain maize and maize for silage production can be made using proposed destination codes. See below Table 3 'Codes for Crop Destinations'.

Proposal for Governance
for creation of EPPO non-taxonomic codes

NPPOs

ECPA

EPPO Secretariat

EPPO Panel on harmonization of data on PPP
Meeting once a year

EPPO Working Party on PPP

EPPO Code Users
(EPPO Mail list – Data Services)

EPPO Global Database

A *fast track mechanism* to adopt codes which are urgently needed?
A *format for code requests* to be developed for non-taxonomic codes?

Thank you for your attention

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