

**Meeting on Electronic Applications**

**EAM/3/2**

**Third meeting  
Geneva, March 18, 2024**

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**OVERVIEW OF UPOV e-PVP**

*Document prepared by the Office of the Union*

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**EXECUTIVE SUMMARY**

1. In 2023 the UPOV e-PVP was set up. UPOV e-PVP is the umbrella name for IT-tools offered by UPOV. The aim of UPOV e-PVP is to provide coherent and comprehensive assistance in the implementation of the UPOV system of plant variety protection. Viet Nam was the first UPOV member to join UPOV e-PVP by using the full package of components.
2. If a PVP office wishes to use the UPOV e-PVP PRISMA tool or the DUS Report Exchange Module, no fees will be charged. If a PVP office wishes to join the UPOV e-PVP admin module, they have to cover the costs of an on boarding package and cloud management. Costs for maintenance and improvement of UPOV e-PVP will be borne by UPOV funds, presently by the Japan Fund in Trust and the Dutch PVP-Toolbox. Possible solutions to cover UPOV e-PVP maintenance and continuous improvement will be discussed at the EAM/3 Meeting.
3. To join UPOV e-PVP, the representative to the Council of the UPOV member concerned must sign a letter of acknowledgement of the terms of use (<https://www.upov.int/upovepvp/en/termsuse.html>). Presently, ten members have signed up for some or all the components of UPOV e-PVP.

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**OVERVIEW OF UPOV E-PVP**

5. The aim of UPOV e-PVP is to provide coherent and comprehensive assistance in the implementation of the UPOV system of plant variety protection, of which some or all the components can be used by UPOV members, as appropriate. UPOV e-PVP comprises the following packages of components:

- UPOV PRISMA: online application tool (see document EAM/3/3);
- UPOV e-PVP Administration Module (see document EAM/3/4) for PVP offices to:

- administer applications/grants,
- communicate with applicants/title holders,
- publish PVP data in the PVP office publication and PLUTO database;
- UPOV e-PVP DUS Report Exchange Module: for PVP offices to cooperate with other PVP offices in the examination of Distinctness, Uniformity and Stability (DUS) (see document EAM/3/5);
- PLUTO database – contains information and a search tool on variety denominations.

6. It is possible to join as a UPOV member and/or as participant to the Member Cooperation Platform. It is a platform for UPOV members to cooperate in the administration and examination of applications. The first platform foreseen is e-PVP Asia.

#### USE OF UPOV e-PVP

7. UPOV e-PVP was launched on September 28, 2023. Viet Nam was the first UPOV member to join UPOV e-PVP and uses all its components.

8. On November 28, 2023, the first application was filed via UPOV PRISMA to the UPOV e-PVP Admin Module administered by the PVP Office of Viet Nam.

9. On December 22, 2023, the Kingdom of the Netherlands became the second UPOV member using the UPOV e-PVP DUS Report Exchange Module.

#### FINANCING UPOV e-PVP

##### UPOV PRISMA

10. UPOV PRISMA is a paying service covered by the UPOV PRISMA fees (90 Swiss francs per application). No fees will be charged to the PVP office except for the following:

- translation costs if the language is different from the four UPOV languages;
- development and maintenance of the PDF generation script if a customized layout is required. Currently, it is the case of Australia and OAPI.

##### UPOV e-PVP Admin Module

##### *Expenditures for the joining PVP Office*

11. To cover maintenance and hosting costs, the Office of the Union proposed the following plan in document EAM/1/2 "Overview of UPOV E-PVP": typical annual cost of hosting is currently estimated at 1800 USD (50-100 applications per year and less than 1,000 titles in force) or 2400 USD (1,000-2,000 applications per year and less than 10,000 titles in force). This is calculated based on the current Amazon Web Service pricing scheme, which is subject to change.

12. It is recommended to the authorities joining the UPOV e-PVP Admin Module to make it mandatory for the applicants to use UPOV PRISMA.

13. If a PVP office wishes to join the UPOV e-PVP Admin Module, they need to cover the costs of the onboarding package and of the cloud management. The onboarding package covers the:

- data migration of existing applications unless the office decides to use the system starting from new applications only;
- customization if the standard package does not meet specific requirements.

14. The table below shows the estimated expenditures for a joining PVP office in 2024 who have to only migrate their data:

Package	Cost
Onboarding package (one time only when data migration is needed)	17'315 CHF
Cloud maintenance cost (yearly fees for 50-100 applications per year and less than 1,000 titles in force)	1'800 CHF

15. The above-mentioned cloud maintenance costs may change in coming years.

*Expenditures for the UPOV Office*

16. The table below shows an estimation of annual expenditures for the UPOV Office in 2024:

Package	Cost
UPOV e-PVP admin standard module's maintenance	42'240 CHF
UPOV e-PVP standard module's continuous improvement: Enhance security in relation to the certificates	19'590 CHF
Add a new dedicated server for a joining PVP office (for UPOV e-PVP admin module)	29'070 CHF
UPOV e-PVP standard module's continuous improvement: Test Automation	12'600 CHF

UPOV e-PVP DUS Report Exchange Module

*Expenditures for the joining PVP office*

17. If a PVP office wishes to use the UPOV e-PVP DUS Report Exchange Standard Module, no fees will be charged. However, any customization should be covered by the PVP office.

*Expenditures for the UPOV Office*

18. The table below shows an estimation of annual expenditures for the UPOV Office and how it will be covered in 2024:

Package	Cost
UPOV e-PVP DUS Exchange standard modules' maintenance	42'240 CHF
UPOV e-PVP DUS Exchange standard modules' continuous improvement: develop DUS report bulk upload utility	17'315 CHF
UPOV e-PVP DUS Exchange standard modules' continuous improvement: test automation	12'600 CHF
UPOV e-PVP standard modules' continuous improvement: development of APIs	27'384 CHF

19. Possible approaches to cover the UPOV e-PVP maintenance and continuous improvement are under consideration and will be discussed at the EAM/3 Meeting.

DEVELOPMENTS SINCE EAM/2

Acknowledgement of the Terms of Use

20. To join UPOV e-PVP, the representative to the Council of the UPOV member concerned must sign a letter of acknowledgement of the terms of use (<https://www.upov.int/upovepvp/en/termsuse.html>).

21. As of March 4, 2024, the following authorities have signed the terms of use of UPOV e-PVP:

UPOV member		UPOV PRISMA	UPOV e-PVP Admin Module	UPOV e-PVP DUS Exchange Module
1.	Brazil			X
2.	Canada	X		X
3.	European Union	X		X
4.	Georgia	X		X
5.	Ghana	X	X	X
6.	Morocco	X		X
7.	Netherlands (Kingdom of the)	X		X

UPOV member		UPOV PRISMA	UPOV e-PVP Admin Module	UPOV e-PVP DUS Exchange Module
8.	New Zealand	X		X
9.	United States of America	X		X
10.	Viet Nam	X	X	X

#### UPOV e-PVP Branding

22. In the context of promoting UPOV e-PVP services, a design company was contracted to design the branding DNA. A presentation of the outcome will be made at EAM/3 meeting.

#### Data privacy

23. In order to comply with UPOV new data privacy notice ([https://www.upov.int/about/en/privacy\\_notice.html](https://www.upov.int/about/en/privacy_notice.html)), it is proposed to add a reference in all UPOV e-PVP services.

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