

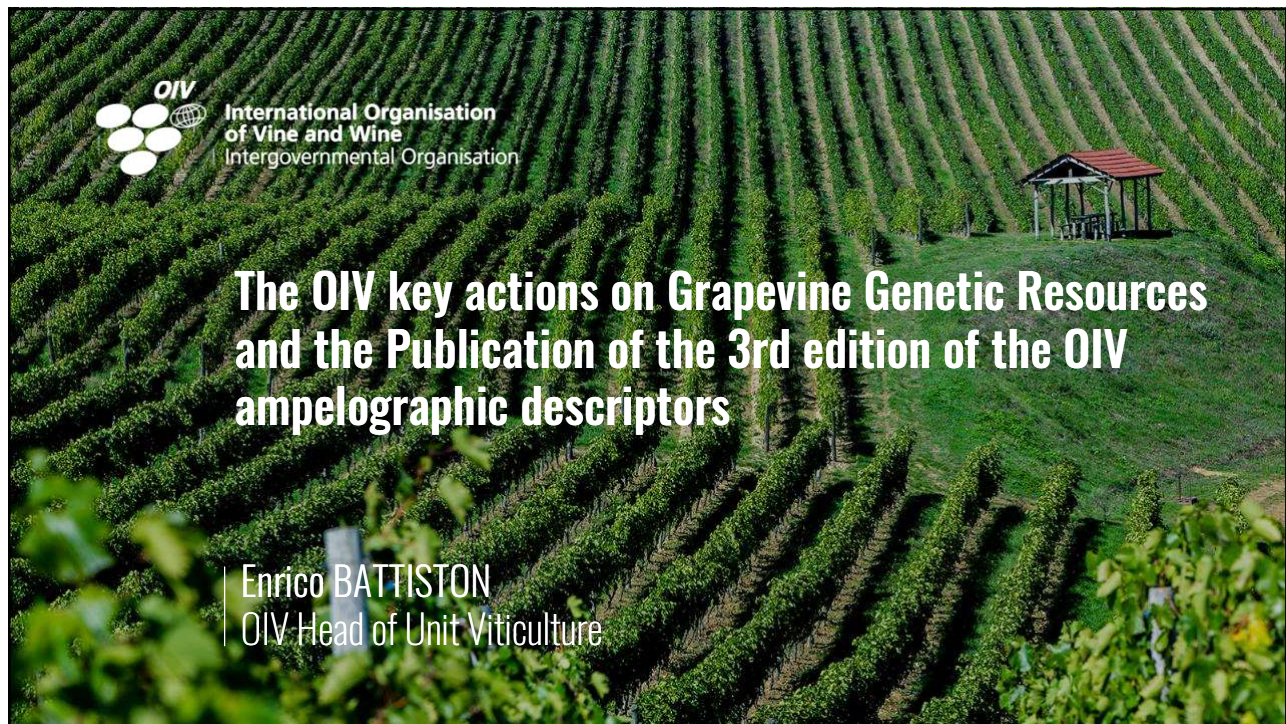
**Technical Working Party on Testing Methods and Techniques****TWM/4/20 Add.****Fourth Session  
Cambridge, United Kingdom, June 2 to 5, 2026****Original: English  
Date: June 15, 2026**

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**ADDENDUM TO:  
THE OIV KEY ACTIONS ON GRAPEVINE GENETIC RESOURCES AND THE PUBLICATION OF THE  
3RD EDITION OF THE OIV AMPELOGRAPHIC DESCRIPTORS***Document prepared by the Secretariat of the International Organisation of Vine and Wine (OIV)**Disclaimer: this document does not represent UPOV policies or guidance*

The annex to this document contains a presentation “The OIV key actions on grapevine genetic resources and the publication of the 3rd edition of the OIV ampelographic descriptors”, made by the Secretariat of the International Organisation of Vine and Wine (OIV), at the fourth session of the TWM.

[Annex follows]



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**ABOUT THE OIV**

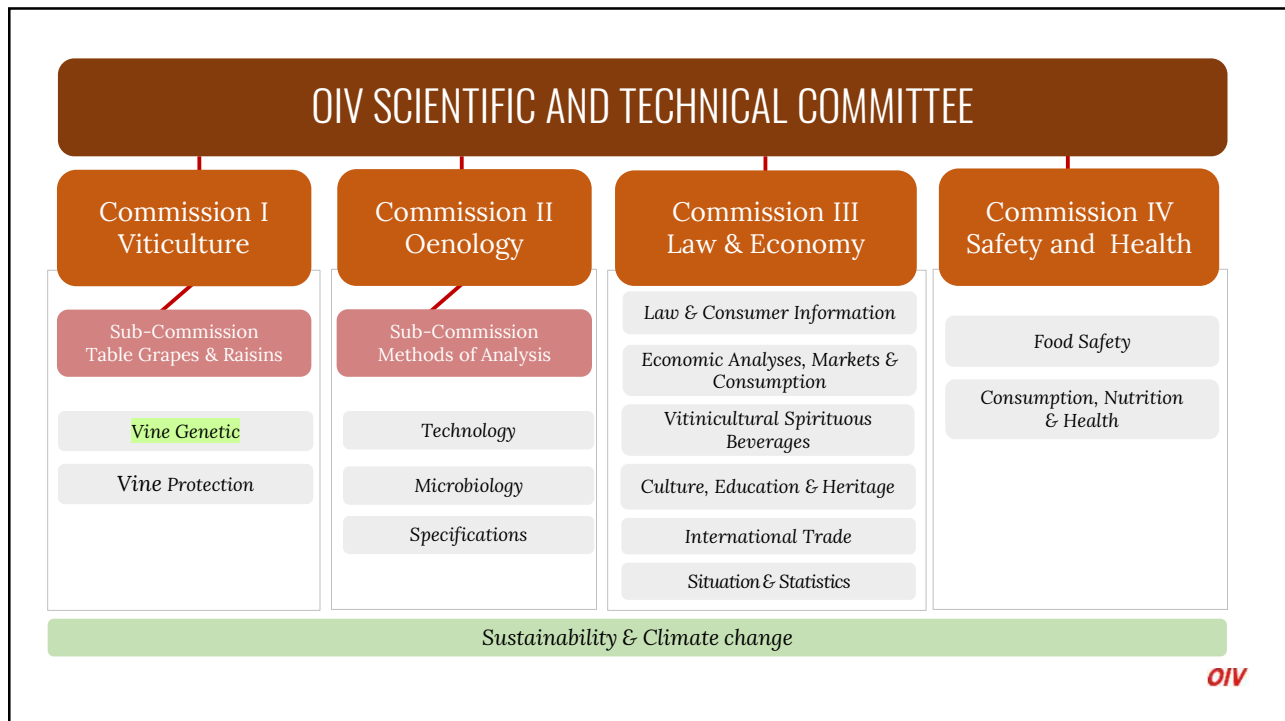
- 85%** vineyard surface area
- 90%** world wine production
- 75%** world wine consumption
- 51** Member states
- 17** Observers

**OIV**

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The global reference  
for vine and wine

**OIV** |  
**Strategic Plan**  
**2025 – 2029**

**SCIENTIFIC & TECHNICAL PRIORITIES**

- Coordinate approaches to sustainability
- Promote resilient and sustainable viticulture
- Adapt oenology and production practices to the future
- Support all vitivinicultural products
- Simplify international trade
- Contribute to consumer safety and inform perspectives on vine, wine and society

 International Organisation  
of Vine and Wine  
Intergovernmental Organisation



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**INTERNATIONAL COOPERATION**





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## KEY ACTIONS ON GRAPEVINE GENETIC RESOURCES

### The Harmonisation Process in Progress

- ✓ “OIV Definitions related to **different categories** of grapevine plant material”  
2019: Resolution Project VITI-GENET 19-610
- ✓ “**Viticultural and oenological evaluation** of new disease resistant grape varieties”  
2022: Resolution Project VITI-GENET 23-731
- ✓ “**NGTs in viticulture**”  
2025: Collective Expertise Document

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## OIV DEFINITIONS OF GRAPEVINE PLANT MATERIAL

- ✓ Need to clarify the **potential differences** between the designations of different concepts related to classification and to vine varieties at an international level.
- ✓ Need to adopt the following **definitions** in relation to the classification of plant material used in the vitivincultural field:

VARIETY      CULTIVAR      ESSENTIALLY DERIVED VARIETY      HYBRID  
RESISTANT/TOLLERANT VARIETY ...

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## NEW DISEASE RESISTANT GRAPE VARIETIES

### Main Objectives

- ✓ To develop a global **network to study** the viticultural/oenological performance of tolerant/resistant vine varieties under different pedoclimatic conditions
- ✓ To **consolidate knowledge** on resistant/tolerant vine varieties
- ✓ To provide appropriate and **territorialized information** to interested winegrowers, without being an obstacle to the dissemination and use of resistant/tolerant vine varieties
- ✓ To set an **international and harmonized protocol** for assessing the aptitude of resistant/tolerant vine varieties, to be reviewed periodically

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## New Genomic Techniques in Viticulture |

Challenges, impacts and  
contribution to the sector

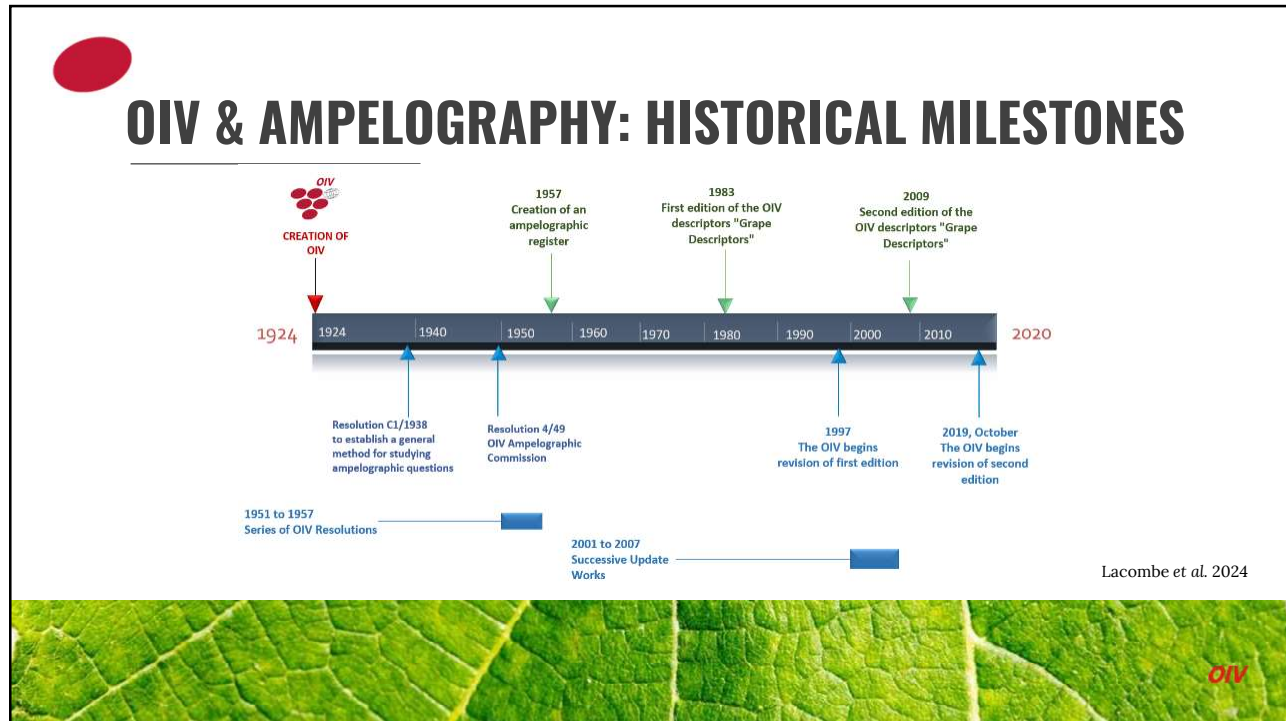


### Main Objectives

- ✓ Study the development of **New Genomic Techniques (NGTs)** - previously known as New Breeding Technologies - and its synergy with other current breeding and selection approaches.
- ✓ Explore the potential of NGTs for **grapevine improvement** and plant material development.
- ✓ Establish general principles that allow the study and evaluation and dissemination of NGTs in a **sustainable vitivinicultural sector model**.
- ✓ **Federate voluntary stakeholders** of the public and private sectors (national governments, local and regional governments, companies, trade organizations, NGOs, research facilities, etc.) around such a preeminent topic.

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# 3rd EDITION: WHY & HOW?

## Objectives

- General update and modernization of the 2nd edition (2009)
- OIV Strategic Plan 2020-2024:
  - Axis V: "Facilitate the digital transition of the sector"
  - Axis VI: "Consolidate the role of the OIV as a global scientific, technical and cultural reference organization"

## Methods

- 2016:** *ad hoc* group of OIV ampelography experts (GENET group) [...]
- 2020-2024:** 5 consecutive consultation cycles based on 2nd edition
- 2023:** Adoption of the Resolution OIV-VITI 702-2023 for the publication of the 3rd edition

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## 3rd EDITION: EXPERT WORKING GROUP

Thierry Lacombe<sup>1</sup>, Luigi Bavaresco<sup>2</sup>, Roberto Carraro<sup>3</sup>, Jorge Cunha<sup>4</sup>, Erika Maul<sup>5</sup>, Gregorio Muñoz<sup>6</sup>, Franco Roeckel<sup>5</sup>, **Carlo Bergamini<sup>3</sup>, Pablo Carbonell Bejerano<sup>7</sup>, Ludger Hausmann<sup>5</sup>, Javier Ibáñez<sup>7</sup>, Valerie Laucou<sup>8</sup>, Paula Filomena Martins Lopes<sup>9</sup>, Silvia Vezzulli<sup>10</sup>**, Pau Roca<sup>11</sup>, Jean-Claude Ruf<sup>11</sup>, Alejandro Fuentes Espinoza<sup>11</sup>, Nikolay Chashchinov<sup>11, 12</sup>, Enrico Battiston<sup>11</sup>

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4 Instituto Nacional de Investigação Agrária e Veterinária,

5 Julius Kühn Institute,

6 Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario,

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9 University of Trás-os-Montes and Alto Douro,

10 Fondazione Edmund Mach,

11 Organisation Internationale de la Vigne et du Vin,

12 Hochschule Geisenheim University,

France

Italy

Italy

Portugal

Germany

Spain

Spain

France

Portugal

Italy

OIV

Germany

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## 3rd EDITION: DESCRIPTORS

### Unmodified descriptors x 70

- Pre-existing descriptors kept identical because satisfactory for title, definition, levels of expression and reference varieties

### Modified descriptors x 79

- Improvements of **reference varieties** for each level of expression
- Improvements of **expression level scales** by extending or restricting
- **Definitions** or **titles** clarified


### New descriptors x 27

- Resistance to biotic factors x 12
- Resistance to abiotic factors x 4
- Organ morphology x 8
- **Genetic markers (SSR)** x 3

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# 3 NEW GENETIC MARKERS (SSR)

OIV 807	SSR-marker VVMD32
OIV 808	SSR-marker VVMD25
OIV 809	SSR-marker VVMD28

### SSR-marker VVMD32


- Size range of alleles: from 217 to 285 base pairs
- If a new allele is found, e.g. "n - 2", the corresponding variety code would be "5C - 2"

### SSR-marker VVMD25


- Size range of alleles: from 237 to 273 base pairs
- If a new allele is found, e.g. "n - 2", the corresponding variety code would be "VIA - 2"

### SSR-marker VVMD28

- Size range of alleles: from 217 to 285 base pairs
- If a new allele is found, e.g. "n - 2", the corresponding variety code would be "5C - 2"




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# 3rd EDITION: ADDITIONAL INFORMATION

Table of correspondence between the codifications:  
OIV - **UPOV** - Alliance Bioversity CIAT

Characteristic	OIV Code	Code UDC	UPOV	IPGRI
Young Shoot: aperture of tip	001	1.1.1.1	2	6.1.1
Young Shoot: distribution of anthocyanin coloration on prostrate hairs of tip	002	1.1.1.2		
Young Shoot: intensity of anthocyanin coloration on prostrate	003	1.1.1.3	4	6.1.2
Young Shoot: density of prostrate hairs on tip	004	1.1.1.4	3	6.1.3
Young Shoot: density of erect hairs on tip	005	1.1.1.5	5	6.1.4
Shoot: attitude (before tying)	006	1.2.0.1	9	6.1.5
Shoot: colour of dorsal side of internodes	007	1.2.1.1	10	6.1.6
Shoot: colour of ventral side of internodes	008	1.2.1.2	11	6.1.7
Shoot: colour of dorsal side of nodes	009	1.2.2.1	12	6.1.8
Shoot: colour of ventral side of nodes	010	1.2.2.2	13	6.1.9



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