

89TH ADVISORY FORUM
VIRTUAL, 4-5 OCTOBER

NEW GENOMIC TECHNIQUES GMO NETWORK MEETINGS

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GMO NETWORK - OBJECTIVES

- **Enhancing risk assessment practices and methodologies**
- **Exchange of information between EFSA and Member States**

EFSA may also entrust to the GMO Network certain tasks, in particular preparatory work for scientific opinions, scientific and technical assistance, and/or data collection



NGT AT GMO NETWORK: WHEN AND WHAT

EC activity on proposal for regulation of NGT plants
(November 2019 – June 2023)

EC proposal on NGT plants
5 July 2023
(feedback period open
until 5 Nov 2023)

11th GMO Network
(July 2020)

- **EFSA opinion** on site-directed nuclease type 1 (SDN-1)

12th GMO Network
(June 2021)

- **Presentation of EC Study on the status of new genomic techniques**

13th GMO Network
(April 2022)

- **Round table** – RA activities related to NGTs at MS level

14th GMO Network
(November 2022)

- **EFSA statement:** Criteria for risk assessment of plants produced by targeted mutagenesis, cisgenesis and intragenesis (Published 20 October 2022)
- **EFSA opinion:** Updated scientific opinion on plants developed through cisgenesis and intragenesis (Published 18 October 2022)
- **MS update** on risk assessment activity on NGTs

15th GMO Network
(June 2023)

- EFSA opinion on new developments in biotechnology applied to microorganisms (**New mandate**)
- EFSA opinion on new developments in biotechnology applied to animals (including synthetic biology and new genomic techniques) (**New mandate**)



NGT AT GMO NETWORK

13th GMO Net - April 2022

- ✓ **'Proportionate risk assessment'** vs **'case-by-case'** approach
- ✓ **Criteria** for *proportionate risk assessment*
- ✓ **Reporting** some activities on NGTs at the MS level ([link, Annex 1](#))

14th GMO Net - November 2022

- ✓ **Criteria** for RA of NGT plants and updated opinion on **cisgenesis and intragenesis**
 1. **History of Safe Use**
 2. Presence of **Exogenous DNA**
 3. Environmental **familiarity**
 4. **Data requirement**
 5. **Unintended effects**

15th GMO Net - June 2023

1. **Microorganisms** developed via NGTs
2. **Animals** developed via NGTs



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