



# TRADITOM y HARNESSTOM: Identificar, valorizar y mejorar x 2 las variedades de tomate tradicional Europeo - H2020.



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16 de diciembre de 2020  
Intercambio virtual  
10h-12.30h



Unión Europea  
Fondo Europeo Agrícola  
de Desarrollo Rural  
Europeo incluye en las nuevas medidas



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**Traditional tomato varieties  
and cultural practices: a  
case for agricultural  
diversification with impact  
on food security and health  
of European population**



**Harnessing the value of  
tomato genetic  
resources for now and  
the future**



- H2020 SFS-07a-2014  
Traditional resources for  
agricultural diversity and the  
food chain
- 1 Mar 2015- 31 Aug 2018
- € 4 372 015,25



- H2020 SFS-28-2020  
Genetic resources and pre-  
breeding communities
- 1 Oct 2020- 30 Set 2024
- € 8 075 196,25



## OBJETIVOS

- Información y Conservación
- Catalogación
- Mejora
- Valoración
- Base de datos unificada y herramientas
- Herramientas mejora
- Mejora (RE, CC; SS; Particip)

<https://cordis.europa.eu/project/id/634561/es>

<https://cordis.europa.eu/project/id/101000716>



**HARNESSTOM**



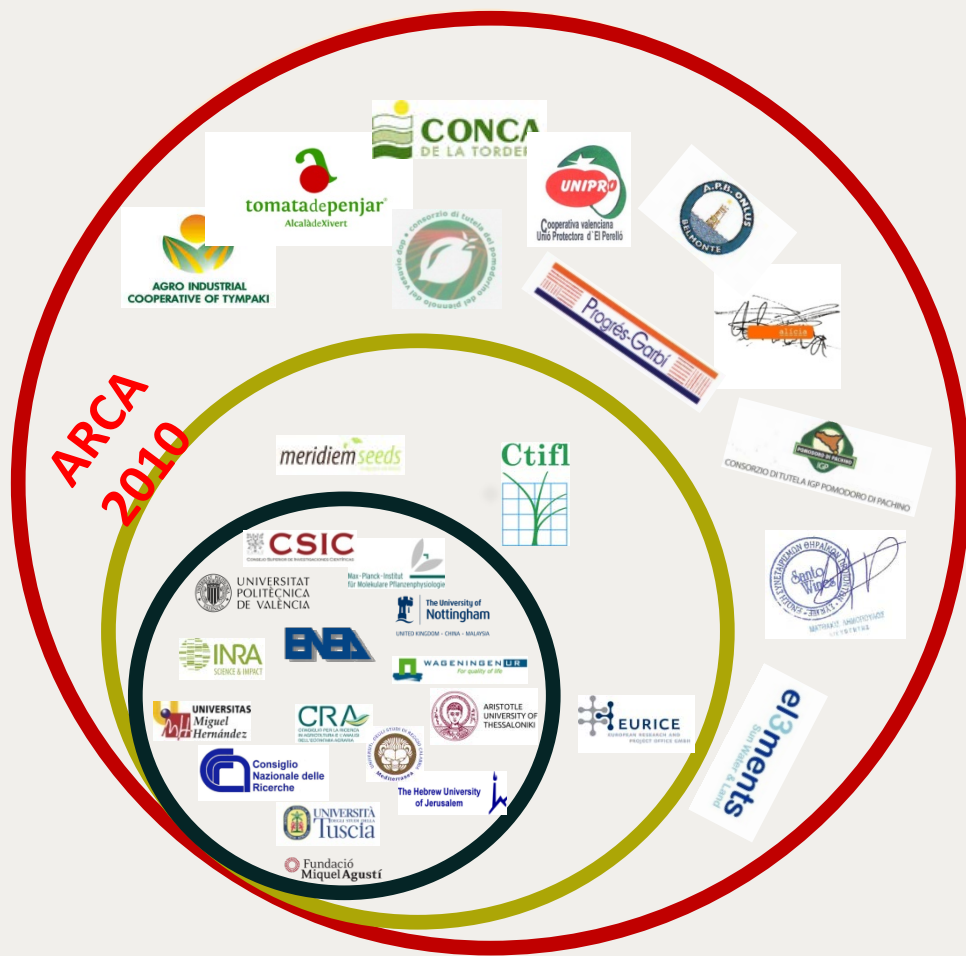
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*Europa invierte en las zonas rurales*



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## FACTS




**16**   
project partners

**14**   
associated partners

**4,372,015**  
Euro  
EU contribution

**42**  
months

**103**   
R&D staff active  
on the project

**52**  
male R&D  
participants

**51**  
female R&D  
participants



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## OUTREACH ACTIVITIES

15  
participations in  
exhibitions and food fairs

255

6  
TRADITOM  
Kids events

11  
traditional tomato  
recipes collected

37  
publications  
to date

6  
training and demonstration  
events performed

82  
workshops and  
conferences attended/  
organised

#  
Find updates on  
Twitter via #Traditom



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## FARM TO FORK

1,800



traditional tomato varieties and their hybrids are available in TRADITOM database

340

consumers tested

286+52

varieties are present in the TRADITOM core collection

92



varieties are included in the TRADITOM GOURMETOM collection

3

TOP 3 tomatoes identified in consumer tests

35+



TRADITOM tomato varieties were sent to 3-Michelin star chef



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## ANALYSIS & DATA COLLECTION



1,691

non-redundant varieties were assessed in terms of genotypic and phenotypic variability

480,891<sup>i</sup>

data points are included in the TRADITOM database

1,444

accessions were successfully genotyped

15,725

plants have been phenotyped by TRADITOM partners

867

metadata for 867 metabolites stored in the TRADITOM database

1,118<sup>i</sup>

TRADITOM varieties were visually classified in nine fruit shape categories

2,132

accessions present in the TRADITOM seed repository

32,000

plants were analysed to investigate effect of environmental and cultivation conditions

11,124

samples were analysed to profile health and flavour metabolite complement of a core set of TRADITOM varieties

20,8<sup>i</sup>

kilograms of seeds contained in the TRADITOM seed repository

8,691<sup>i</sup>

pictures are available from the TRADITOM database



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- **más variedades tradicionales con DRG**
- **mejora participativa**



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No *101000716*





**¡¡Gracias por la atención!!**

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**TRADITOM.EU**

**HARNESSTOM.EU**



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