

Apricot and Peach WG Report 2016



Daniela Giovannini
Council for Agricultural Research and Economics (CREA)
Fruit Tree Research Unit of Forli, Italy



Apricot & Peach WG

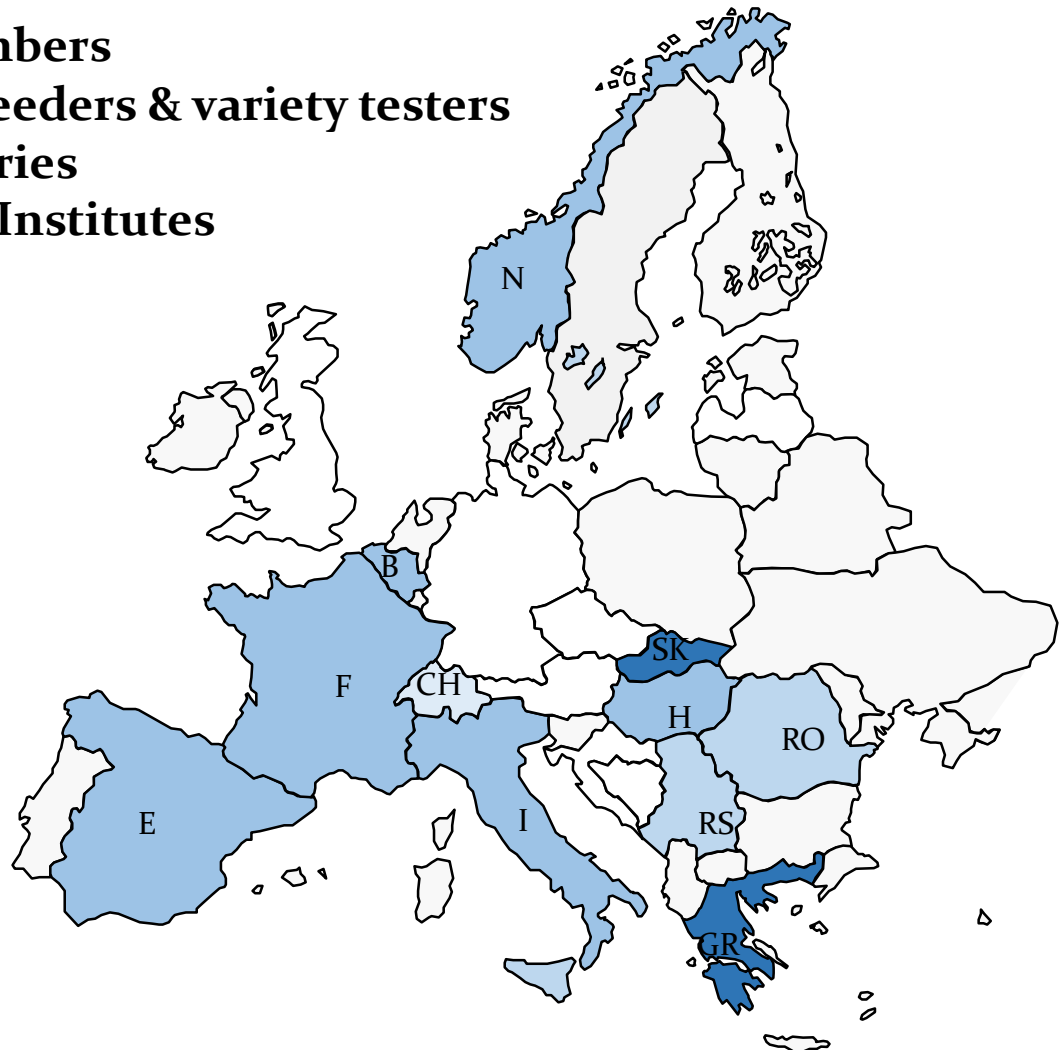
To date: **62 members**

✓ **breeders & variety testers**

11 countries

24 R&D Institutes

1	Belgium
2	France
3	Greece
4	Hungary
5	Italy
6	Norway
7	Romania
8	Serbian Republik
9	Slovakia
10	Spain
11	Switzerland



TWO HALF DAYS PEACH SUMMER MEETING
Lleida, 28-29 July 2016

- 
- ✓ **Visit to the experimental fields & others (28 July, afternoon)**
 - ✓ **II EUFRIN Apricot & PeachWG Meeting (29 July, morning)**

Organizers: Ignasi Iglesias & Daniela Giovannini
Hosting: Joan Bonany & Simó Alegre

IRTA EDIFICI FRUITCENTRE
Parc Científic i Tecnològic Agroalimentari de Lleida
Parc de Gardeny
25003 LLEIDA (Spain)

(28 July, afternoon)

✓ Fruit exhibition center



✓ Gimenelles experimental fields



✓ Fruit de Ponent establishment

✓ II EUFRIN Peach & Apricot WG Meeting

(29 July, morning)

IRTA EDIFICI FRUITCENTRE

Parc Científic i Tecnològic Agroalimentari de Lleida

Parc de Gardeny

25003 LLEIDA (Spain)

h. 8:30

Welcome to the participants by **Simó Alegre**, Director of Fruitcentre.

1. **Daniela Giovannini**. CREA-Forli (Italy). The new 'Peach and Apricot' EUFRIN WG.
2. **Pere Arús/Iban Eduardo**. IRTA (Spain). The intersection between genomics and breeding at IRTA. A practical approach to improve breeding efficiency in peach.
3. **Ignasi Iglesias**. IRTA (Spain). Peach Development in Spain and cultivar testing at IRTA.
4. **Antonio Carillo**. IMIDA (Spain). Development of new cultivars in Murcia adapted to Mediterranean climatic conditions.
5. **Jesús Garcia**. IMIDA (Spain). Global warming, chill requirements and productivity of apricot and peach cultivars.
6. **Mario Ortiz/Alejandra Rovira**. PLANASA (Spain). Developing new varieties for different chilling conditions.
7. **Marisa Badenes**. IVIA (Spain). Developing apricot and peach varieties resistant to biotic and abiotic stress.
8. **Pavlina Drogoudi**. Demeter (Greece). Peach and apricot varietal trials in Naoussa, Greece.
9. **Daniele Bassi**. Univ. Milano (Italy). Fighting *Sharka* in peach: state of the art and perspectives.
10. **Thierry Pascal**. INRA Avignon (France) . Genetic, functional and genomic approaches to enhance resistance to multi-pests and develop niche traits for peach pre-breeding program at INRA.
11. **Julien Ruesch/Christian Hilaire**. Ctifl (France). State of the art on stone fruit variety/rootstock testing and technology transfer in France.

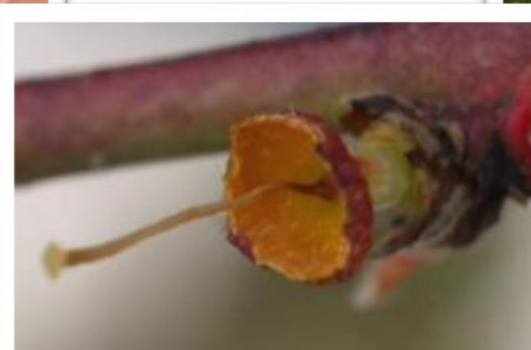
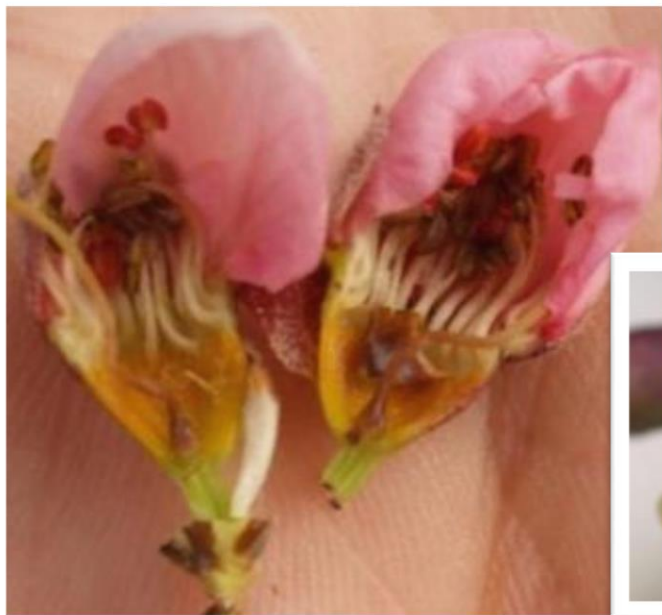
- ✓ 11 presentations
- ✓ Testing and Breeding
- ✓ adaptability to increasing climate variability

h. 12.30: Discussion: development & harmonization of common agreements, descriptors, protocols, etc.

H 13.00: Visit to Fruitcentre

Hot and dry summers/mild winters

- ✓ Double fruits
- ✓ Blind nodes
- ✓ Unsatisfied chilling requirement
- ✓ Earlier blooming



Harvest Season 2016: Plenty of fruit tips, split-pits and fruit crackings

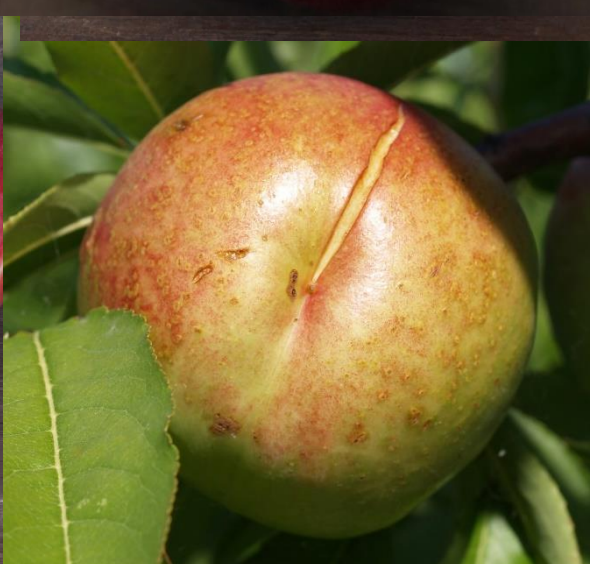
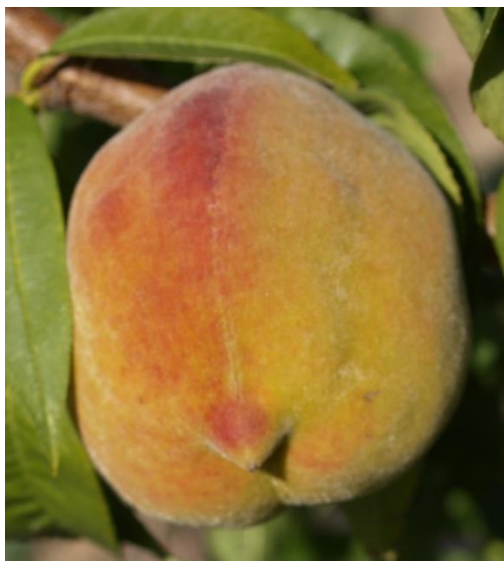


Photo: I. Iglesias

Participants to the II EUFRIN Peach & Apricot WG Meeting
(29 July, morning)



Organizers: Ignasi Iglesias & Daniela Giovannini
Hosting: Joan Bonany & Simó Alegre

✓ **Plan and carry out joint activities, such as EU projects**

A missed opportunity...

..in 2016



FRUITAINABLE

SFS-3-2016: “Sustainable Food Security –Resilient and resource-efficient value chains”

(Testing and breeding for sustainability and resilience in pome and stone fruits)

WP5. Goals. Increase the efficiency and comprehensiveness of testing of the new cultivars/rootstocks, introducing sustainability/adaptability to biotic & abiotic stress as criteria and implementing the organization and harmonization of testing trials in Europe

Some decisions taken



Variety Testing: Harmonize evaluation of cv. performance

1. Establish a common and shared set of descriptors for variety testing purposes
 - first draft with 38 traits circulated by the Chair: October 20, 2016;
 - inputs (descriptors, methods, protocols) from WG members expected
2. Evaluate/characterize novel varieties in various environments;

Individuate a common subset of varieties to assess G x E interaction
Agreement with breeders/editors to test novelties

Coming opportunities to meet

- ✓ **IEG-meeting (EUFRUIT)**

Balandran, March 1-2, 2017 (stone fruit variety testing)

- ✓ **IX International Peach Symposium**

Bucarest, Romania, July 2-7 2017

Planning the III WG meeting...

Candidate sites for the meeting in 2018

- France: Balandran (Ctifl)
- Greece: Naoussa (Demeter)





Thanks for your attention

Seu Vella, Lleida, 28 July 2016. In the background, tower of the St. Maria Church.