

# WG Cherry (Sweet and sour)



**José Quero Garcia**  
**INRA Bordeaux (France)**

# **COST ACTION FA 1104**

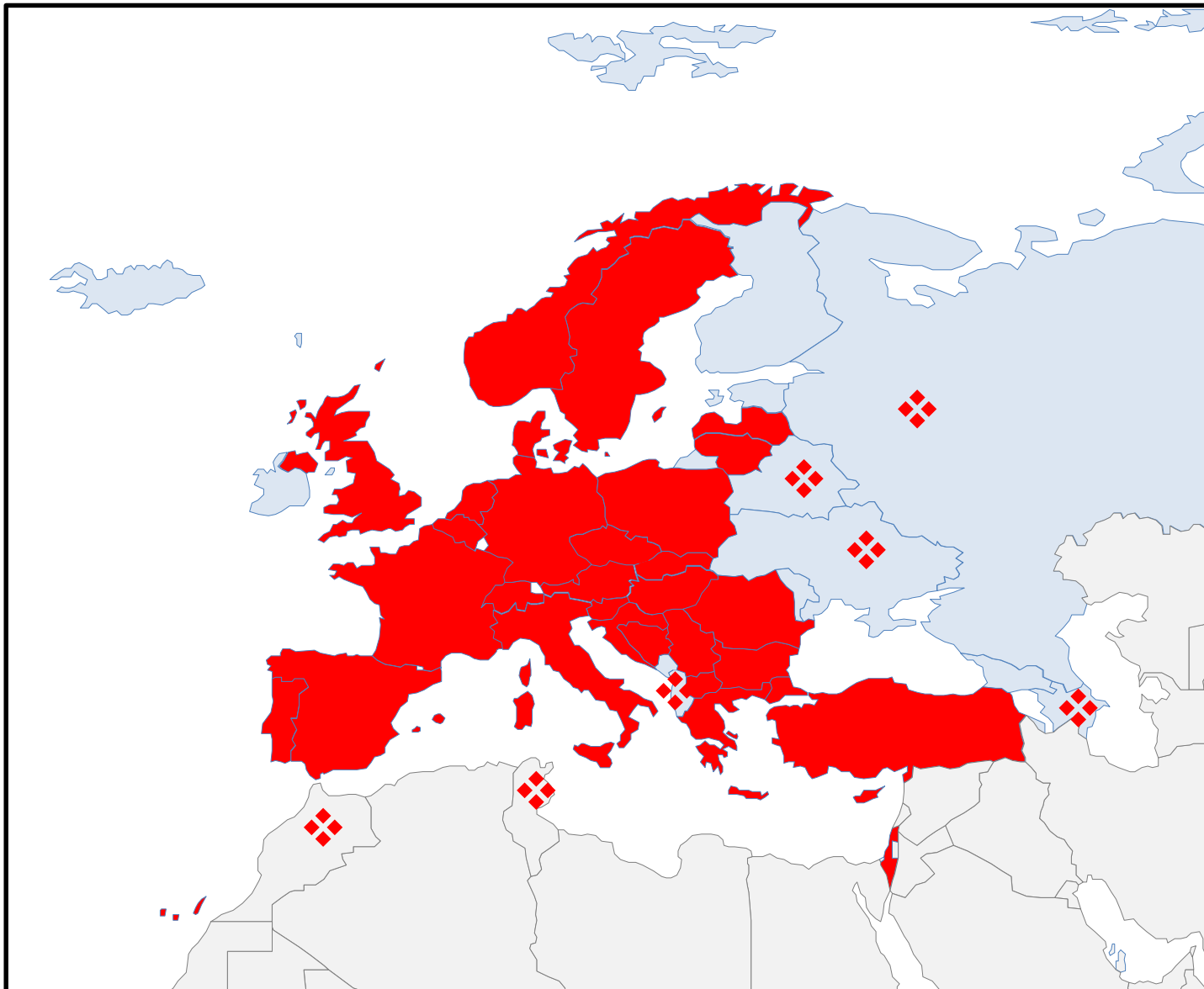
**‘Sustainable production of high-quality cherries for the European market’**

**<https://www.bordeaux.inra.fr/cherry/index.html>**

**Main achievements and perspectives**

**Chair: José Quero Garcia**





- Austria
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- France
- Germany
- Greece
- Hungary
- Israel
- Italy
- Latvia
- Lithuania
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- FYROM
- Turkey
- United Kingdom

Near-Neighbour countries: Albania, Azerbaijan, Belarus, Morocco, Russia, Tunisia, Ukraine  
 COST International Partner Countries : Argentina, Australia, New Zealand,, South Africa

# Main activities

- ❖ **Very active network: 22 meetings, 5 training schools and 30 short-term scientific missions (STSM) involving over 400 participants**
- ❖ **Large dissemination of scientific information (website): 281 scientific presentations, 144 posters, 30 STSM reports**
- ❖ **Over 570 KE spent on networking activities (89% of total available budget)**



# ACTION FINAL CONFERENCE: NAOUSSA



*Sustainable production of high-quality cherries for the European market*


**Naoussa, Macedonia, Greece,  
4-8 April [Vetlans Culture Center]**



ΔΗΜΟΣ  
ΗΡΩΙΚΗΣ ΠΟΛΗΣ  
ΝΑΟΥΣΑΣ



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# ACTION FINAL CONFERENCE: NAOUSSA

- ❖ 140 registered delegates, coming from 31 countries
- ❖ 30 oral talks, 40 posters and 7 keynote talks from Prof. Guglielmo Costa, Prof. Matthew Whiting, Prof. Gregory Lang, Prof. Daniel Valero, Dr. Ignasi Iglesias, Dr. François Laurens and Dr. Kristen Koeppler



# MAIN ACHIEVEMENTS- Action EVALUATION

## Successes:

- ❖ The **‘Cherry Book’**: current status of cherry production
- ❖ Establishment of a multi-disciplinary professional network
- ❖ Training of early-stage researchers
- ❖ Optimization of predictive models and decision support systems for pest management control



# THE CHERRY BOOK

- ✓ Title: Cherries: 'Botany, Production and Uses' (CABI)
- ✓ 572 pages, 60 colour and 80 black and white illustrations
- ✓ Editors: Amy Iezzoni, Joanna Pulawska, Greg Land and José Quero Garcia
- ✓ Number of Chapters: 20 (all chapters written)
- ✓ Highly multi-disciplinary:
  - Genetic Resources and Improvement
  - Ecophysiology and Production
  - Protection
  - Utilization





# MAIN ACHIEVEMENTS- Action HIGHLIGHTS

## Collaborative paper

### Title

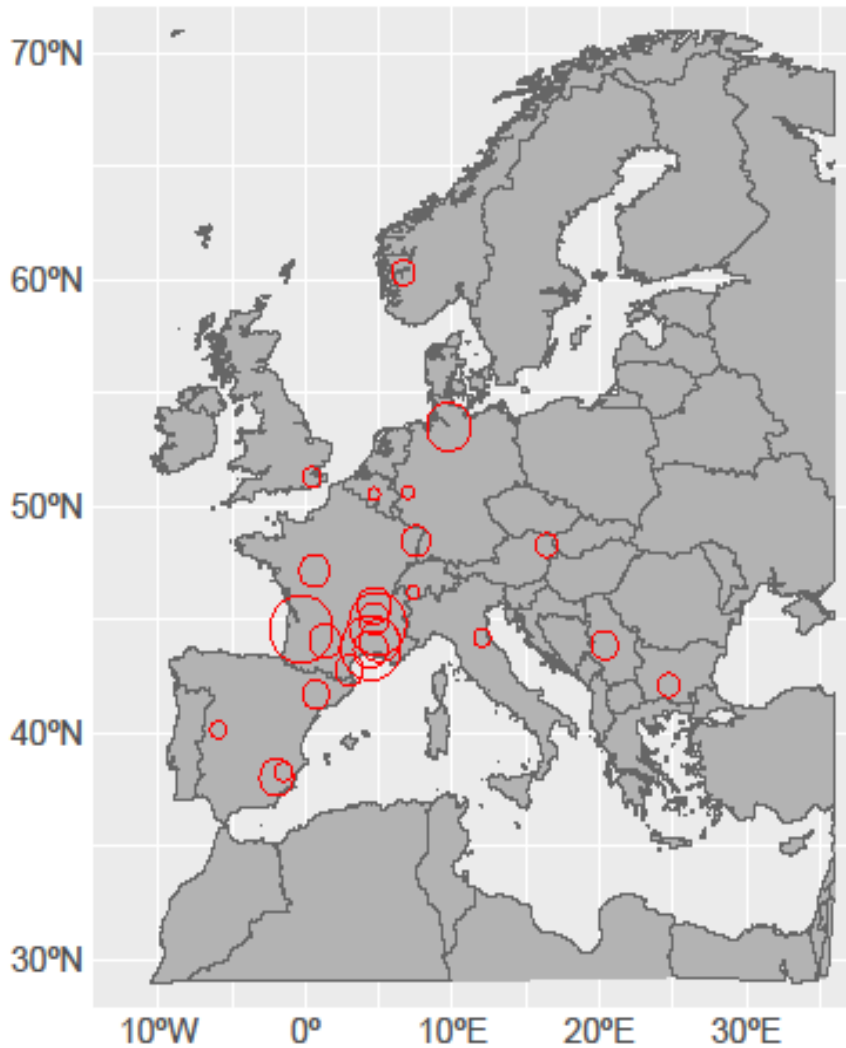
*A collection of European sweet cherry phenology data for assessing climate change*








### Authors

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Accepted for publication in ‘**Scientific Data**’

# MAIN ACHIEVEMENTS- Action HIGHLIGHTS



BBCH code	Description	
60	First flowers open	
61	Beginning of flowering: about 10% of flowers open	
65	Full flowering: at least 50% of flowers open, first petals falling	
67	Flowers fading: majority of petals fallen	
69	End of flowering: all petals fallen	
87	Fruit ripe for picking	
89	Fruit ripe for consumption: fruit have typical taste and firmness	

# MAIN ACHIEVEMENTS- Action HIGHLIGHTS

## Establishment of multi-site trials: INRA Regina x Lapins mapping progeny

Bordeaux, France (2001-2002)



Maribor, Slovenia (2009-2010 and 2011-2012)



Bordeaux, France (2010-2011)



Murcia, Spain (2012-2013)



Forli, Italy (2013-2014)

# MAIN ACHIEVEMENTS- Action HIGHLIGHTS

## Collaborative grants

- ❖ FP7: Participation of COST members to DROPSA project: 'Strategies to develop effective, innovative and practical approaches to protect major European fruit crops from pests and pathogens'



- ❖ H2020 (unfortunately not funded):
  - ✓ Only dealing with cherry: DivCherry (2014)
  - ✓ Multi-crop grants: Eufrunet (2015), Fruitanable (2016)
- ❖ ECPGR: EU.CHERRY: Collaborative action for updating, documenting and communicating the cherry patrimonial richness in EU (Coordination, Marine Delmas, INRA Bordeaux)



# PERSPECTIVES

- ❖ **Participation to the IEG meeting (EUFRUIT) organized by Jef Vercammen and Ctifl at Balandran (1-3 March 2017).**  
**Mid-term objective: establish EU trials of cherry variety testing**
- ❖ **Side-meeting during the next ISHS Cherry Symposium at Japan (see presentation Geza Bujdoso)**
- ❖ **Keep on with the dynamism of proposals: multilateral, trilateral, bilateral...**

