



**WG 1 & 2 COST Action FA 1303**  
**First Assessment of the Distribution of GWTDs in Europe**

**Vienna, Austria , 25<sup>th</sup> -26<sup>th</sup> February, 2016**

**Round Table « GWTD Epidemiology »**

**COST Objectives**

- **1- Surveys to assess the presence and spread of the different GTDs in Europe (synthesis)**
- 2- Multi site evaluation trials
- 3- Alternative tools for spatial distribution analysis
- 4- Databases for prediction models

# 1-Surveys to assess the presence and spread of the different GTDs in Europe

- Surveys for qualitative assessment

Objectives:

- (1) Give an overview of the presence and frequency of the main fungal grapevine trunk diseases (GTDs)
- (2) Collect general information on the characteristics of the viticultural areas at a regional scale to understand the influencing factors
- (3) Establish a European network for further multisite GTD surveys

## Steps and Objectives for 2016

- *1° A questionnaire sent to correspondent people of each European and Mediterranean country (2014)*
- *2° Further questions asked and other countries added (2015)*
- *3° First communication at the WS Cognac , France ( June 2015)*
- *4° Data analysis for producing results (2016)*
- *5° Write a common paper and submit (2016)*

# 1-Surveys to assess the presence and spread of the different GTDs in Europe

- Surveys for qualitative assessment

- **Data analysis for producing results (2016) :**

- 1- Disease presentation

- **Diseases on adult vines**

- *Apoplexy*
      - *GLSD (« chronic esca »)*
      - *Canker dieback (E. lata & Botryosphaeria dieback)*
      - *Dead cordon (unidentified)*
      - *Phomopsis dieback (« excoriose »)*

- **Diseases on young vines**

- *Unidentified decline*
      - *Petri disease*
      - *Black foot*
      - *(Crown gall)*

- 2- Add data from other countries (Serbia, Montenegro, Cyprus ... )

- 3 - General characteristics of European vineyards

- **Surface- ... We need to use official data (from OIV) –one table with all countries**
    - **Cultivar and rootstock : synthetise data and gather literature on “ suceptibility” and vigor, hydric stress behavior**
    - **Training /pruning system: validate data and synthetise data ( + literature on the role of pruning system ? )**

# 1-Surveys to assess the presence and spread of the different GTDs in Europe

- Surveys for qualitative assessment
- *Data analysis for producing results (2016) :*
  - **4- Diseases on adult vines / country**  
Synthetic results on a table (Never (or not recorded) /present/frequent)  
+ general graphs : to show the global sanitary situation
  - **5- Disease on young vines / country**  
Synthetic results on a table (Never (or not recorded) /present/frequent)  
+ general graphs : to show the global sanitary situation
  - **6- Disease on adult vine / region**  
Choose some countries with variability within the country : to link with some factors (climate- soil-CV ... )
  - **7- Increasing and worrying problem (on adult vines) :** a synthetic table with identification countries

# 1-Surveys to assess the presence and spread of the different GTDs in Europe

- Surveys for qualitative assessment
- *Data analysis for producing results (2016)*
- *Write a common paper and submitted in 2016*
  - *First version for June 2016*
  - *Two authors : LGD ML*