

# Improving Safety with Weather Monitoring

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# Fil-baħar bnazzi kulħadd baħri

*Everyone is a captain in calm waters*





OceanSoul (YouTube)



Ian Pace (Times of Malta)



Steve Zammit Lupi (Times of Malta)



Julia Enno (YouTube)



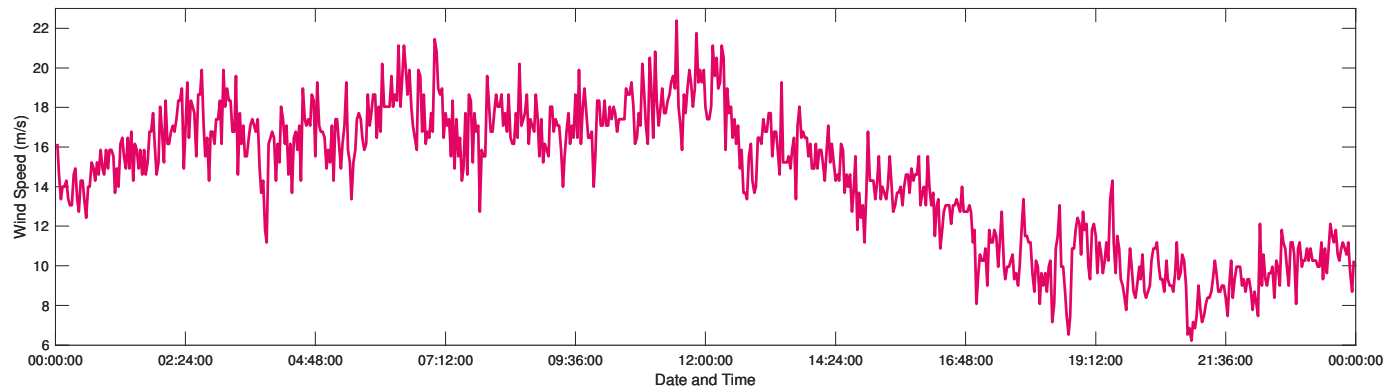
Carmel Saliba (YouTube)

# Interreg Italia-Malta Calypso South

Fondo Europeo di Sviluppo Regionale  
European Regional Development Fund

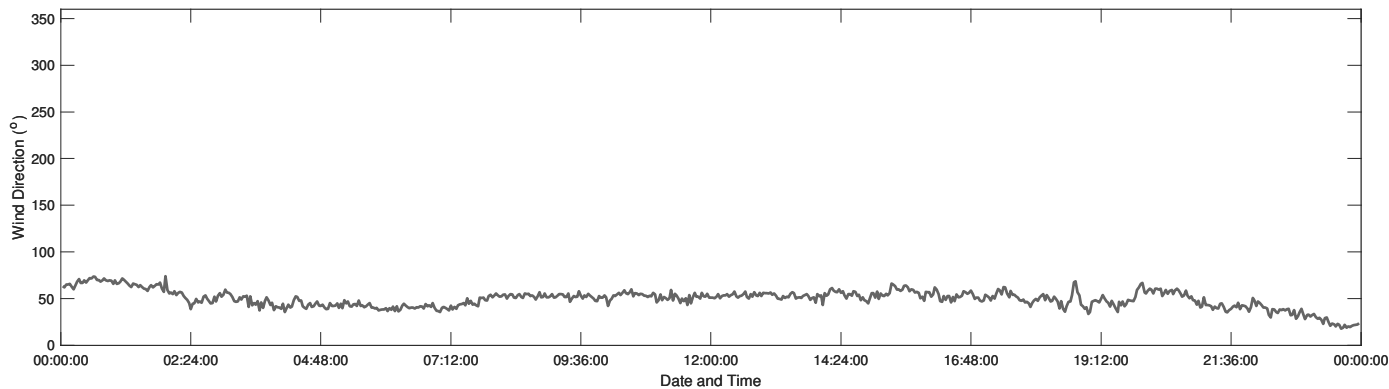


# 14/04/2018



Minimum Wind Speed  
**6.22m/s (Force 4) at 22:58**

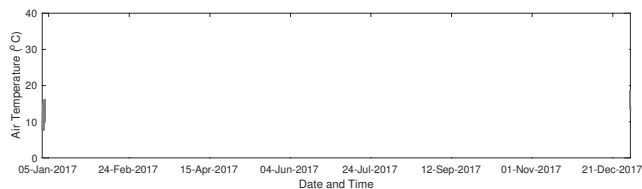
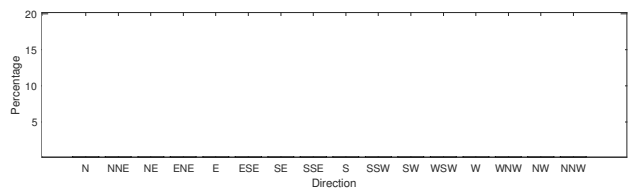
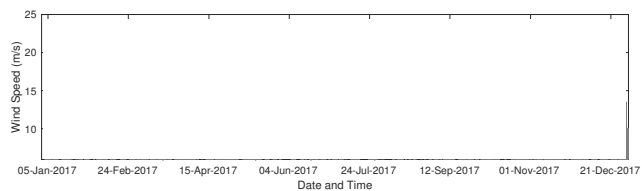
Maximum Wind Speed  
**22.38m/s (Force 9) at 13:28**



Average Wind Direction  
**49.54 (NE) °N**



# 2017



min temperature **4.83 °C** on **06/01/2017 18:42**

max temperature **38.52 °C** on **28/06/2017 12:03**

min pressure **0998.98 mBar** on **11/09/2017 00:01**

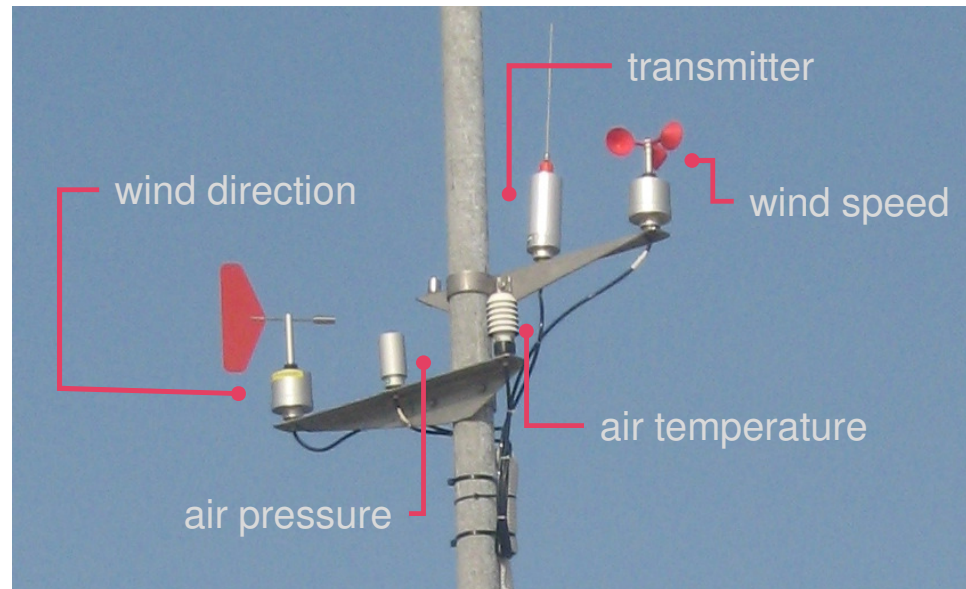
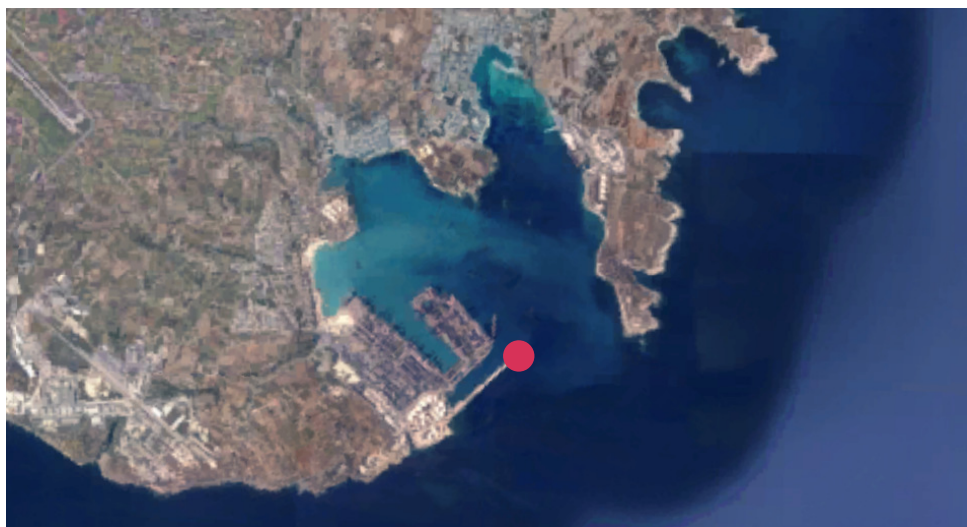
max pressure **1034.00 mBar** on **06/12/2017 08:37**

strongest wind **23.23 m/s** on **21/12/2017 14:47**

common direction **West North West**



# Marsaxlokk Station



# UM Operational Stations

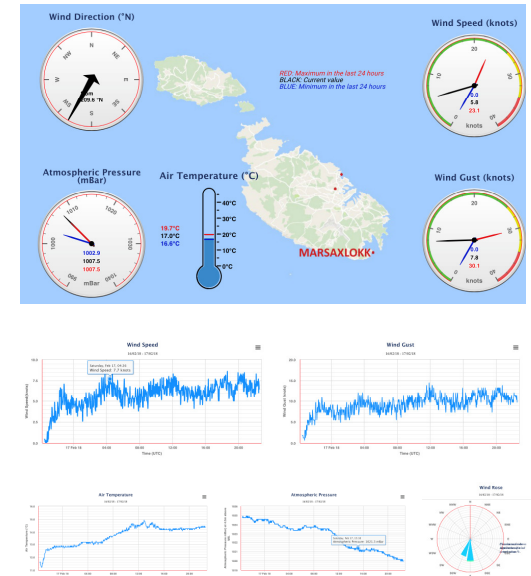
**Interreg**  
**Italia-Malta**  
**Calypso** South



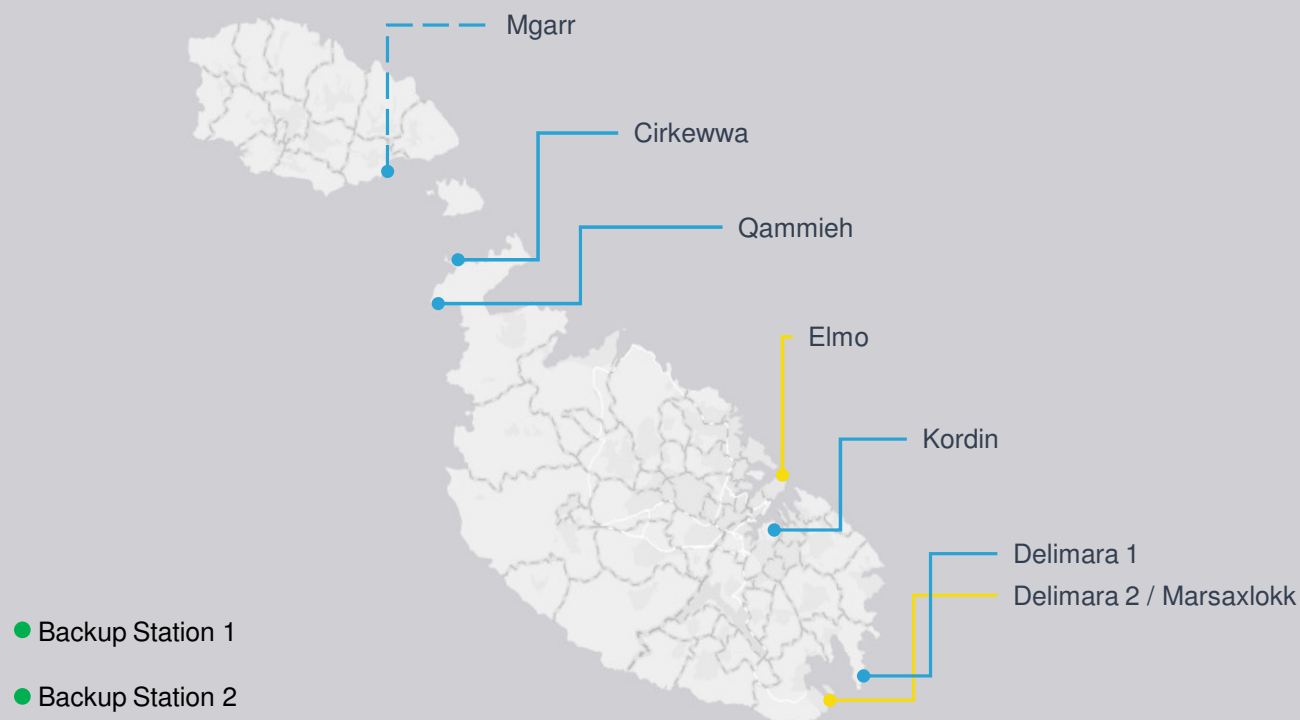
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[capemalta.net](http://capemalta.net)



# PORTO Meteo Network



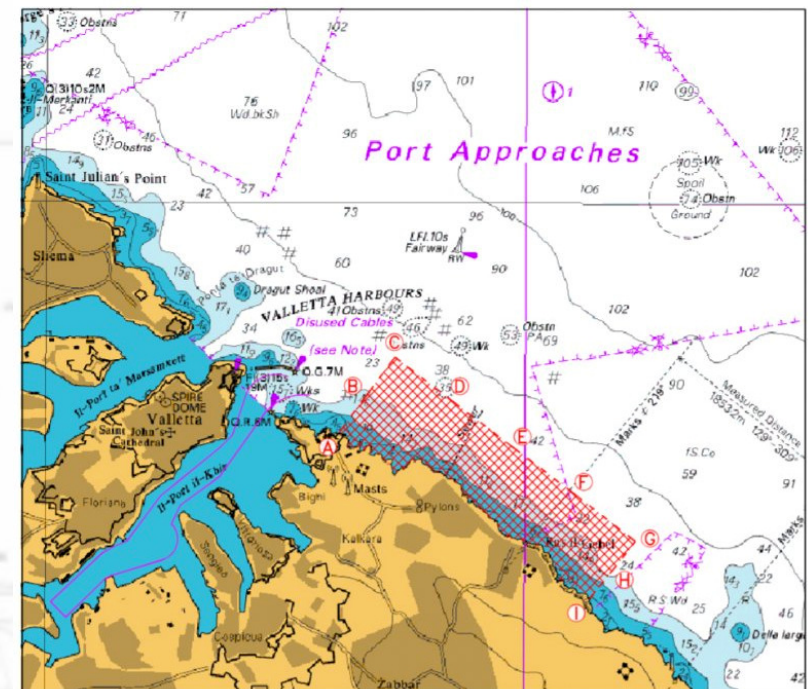
- Help **Valletta VTS** in port safety
- **State-of-the-art** technology
- Improve **coverage**
- **Redundancy**
- **Reliable** info to the industry





# Valletta VTS

- **Effective control over navigation** in Maltese territorial and internal waters.
- Enhance the **efficiency of port operations**.
- **Safer shipping movements** in the approaches to the ports and local waters.
- Provides:
  - an **Information Service**
  - a **Traffic Organisation Service**
  - a **Navigational Assistance Service**
- The service is provided on a **24/7 basis**.

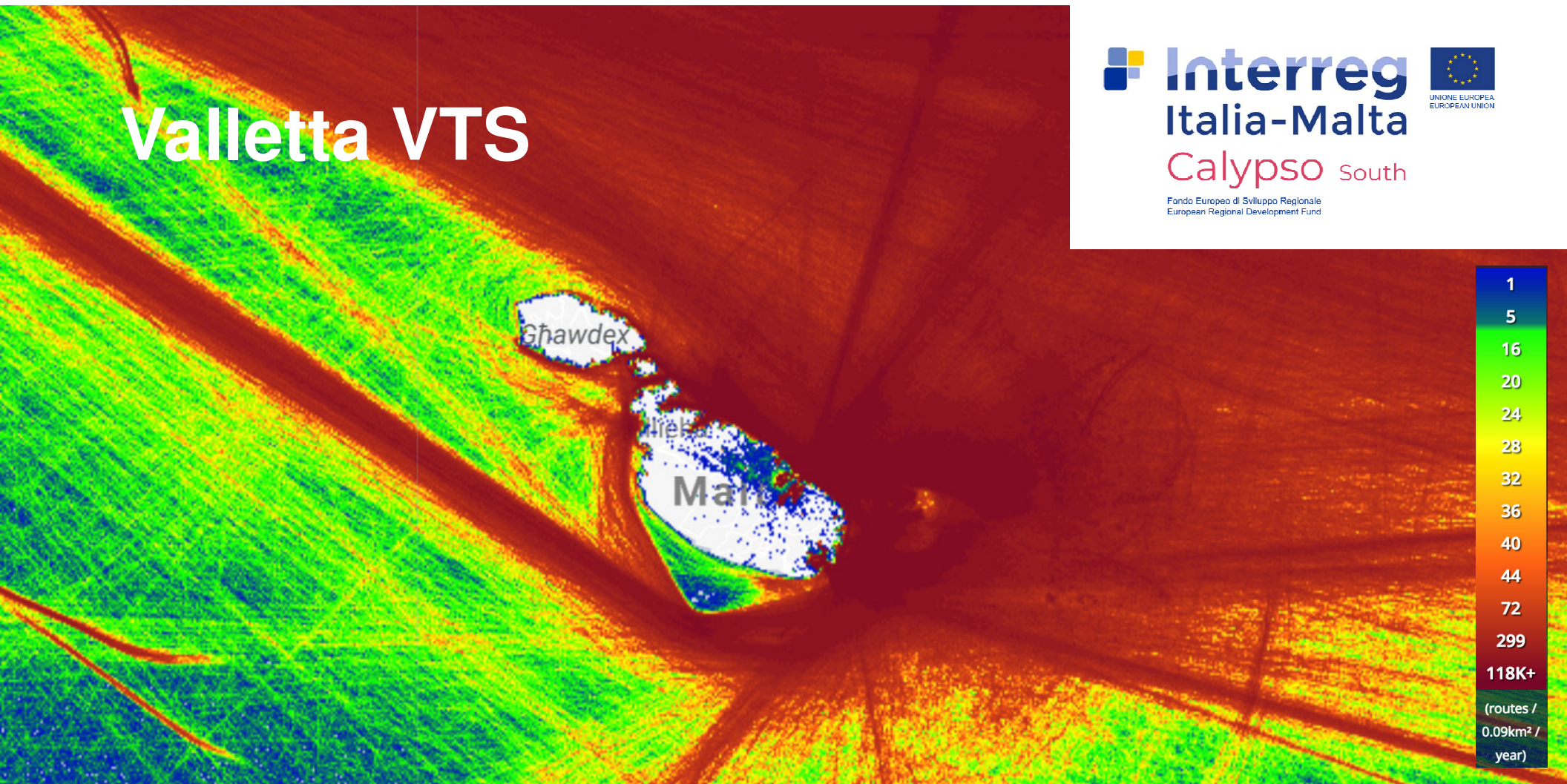


# Valletta VTS

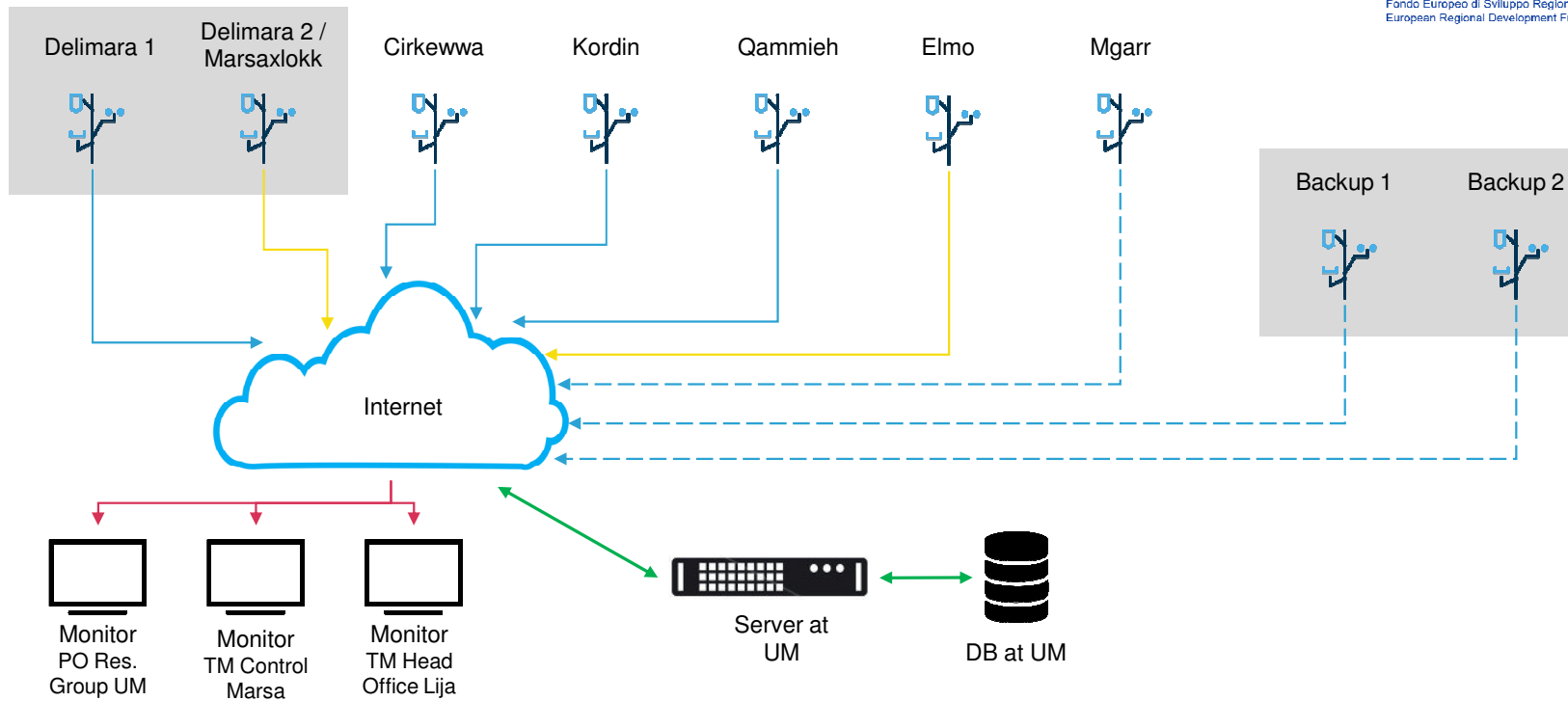
 **Interreg**  
**Italia-Malta**  
**Calypso** South



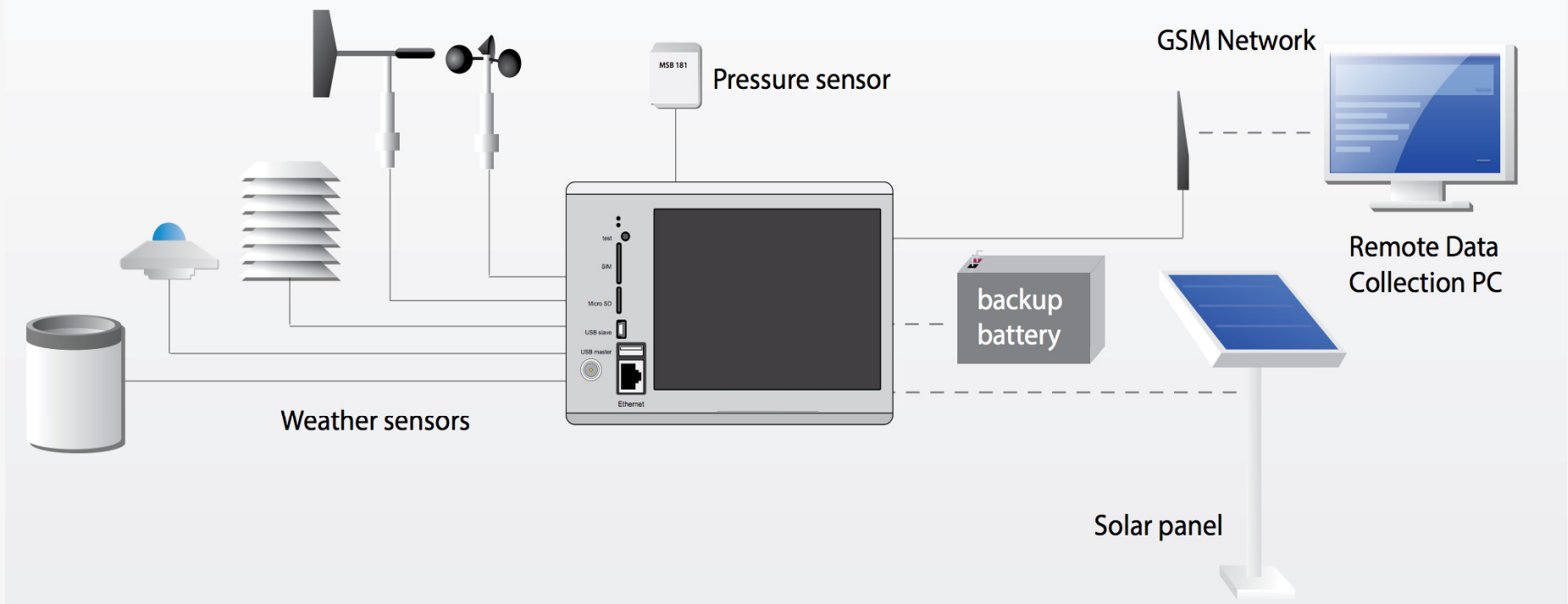
Fondo Europeo di Sviluppo Regionale  
European Regional Development Fund



# PORTO Meteo Network



# PORTO Meteo Network



# PORTO Meteo Network

 **Interreg**  
**Italia-Malta**  
**Calypso** south



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air temperature  
and humidity



wind speed and gust



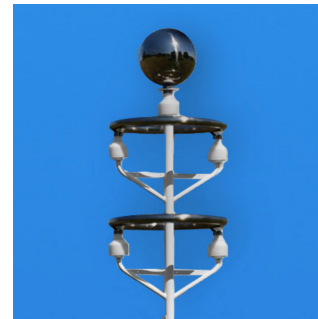
air pressure



precipitation



radiation



lightning



sea level



# Locations

**Cirkewwa**

**14.329120 °E**  
longitude

**35.988331 °N**  
latitude

 **Interreg  
Italia-Malta**  
**Calypso** South



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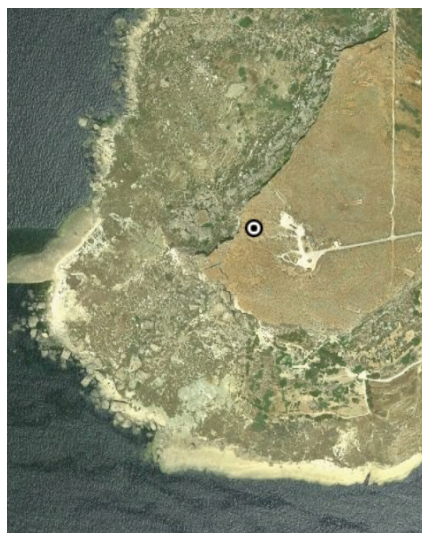


# Locations

**Qammieh**

**14.323801 °E**  
longitude

**35.972265 °N**  
latitude



# Locations

**Dellimara**

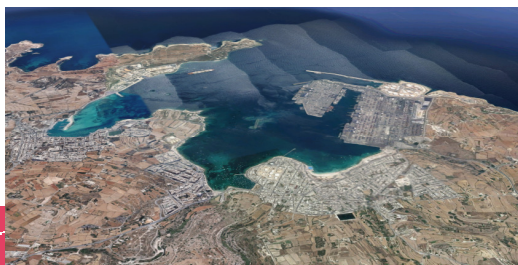
**14.549690 °E**  
**14.557363 °E**  
longitude

**35.817757 °N**  
**35.823885 °N**  
latitude

 **Interreg**  
**Italia-Malta**  
**Calypso** South



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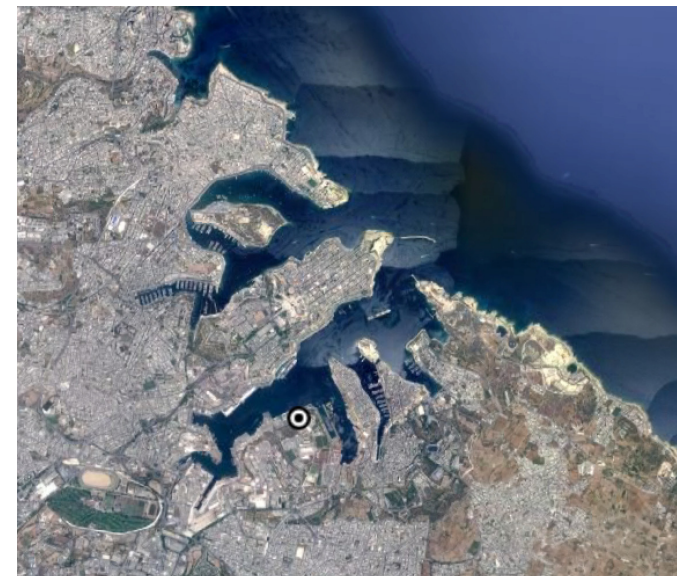


# Locations

**Kordin**

**14.510632 °E**  
longitude

**35.8805197 °N**  
latitude

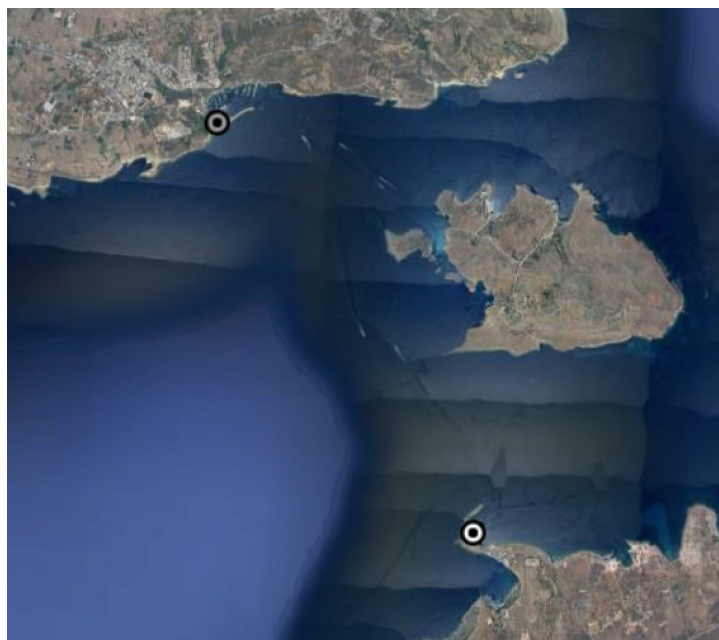


# Locations

**Mgarr**

**14.298263 °E**  
longitude

**36.023644 °N**  
latitude



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