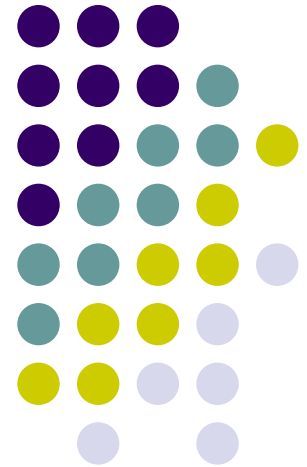


# Objectives of the Expert Group meeting: a review and what is expected as outcomes

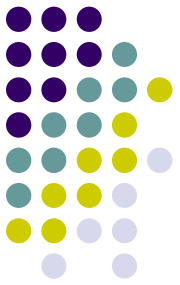
By Manola Brunet

Chair of the WMO/MEDARE Initiative

Centre for Climate Change (C3),  
Director, URV, Tarragona, Spain

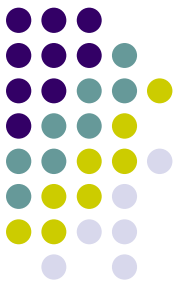


# Outline



- Building upon the agreements adopted in the last MEDARE meeting
- Objectives of the Expert Group meeting
- Expected outcomes

# Recalling the agreements in the last MEDARE meeting

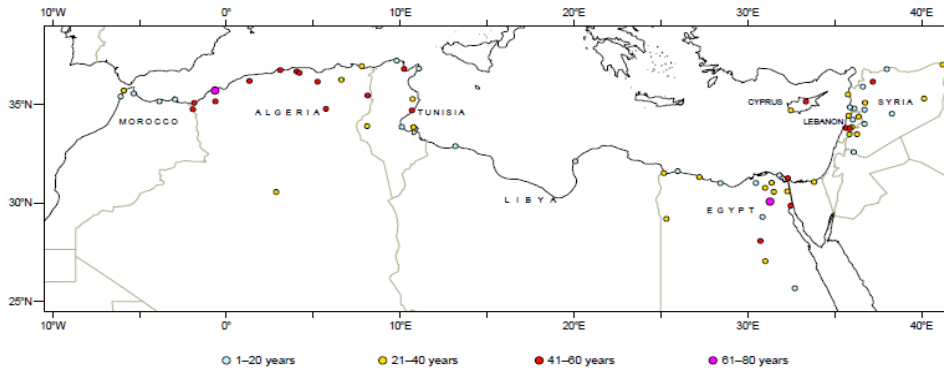


- From the Meeting summary report ([http://www.omm.urv.cat/MEDARE/docs/2nd\\_Proceedings.pdf](http://www.omm.urv.cat/MEDARE/docs/2nd_Proceedings.pdf)) :
  - Funding approach at regional and national scales. The EURO4M opportunity: an example to follow
  - MEDARE Climate Data Base development: a strategy to overcome reluctance for data sharing: asking the PRs for a reasonable number of climate records for each country to start to populate the shared MEDARE data portal

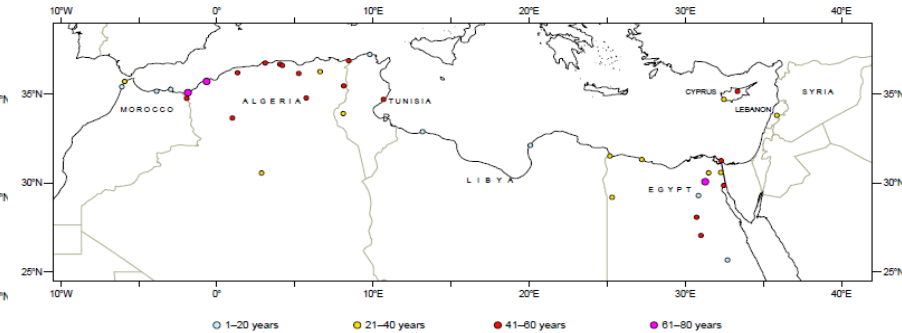
# The EURO4M project link: A tale of successful liaison



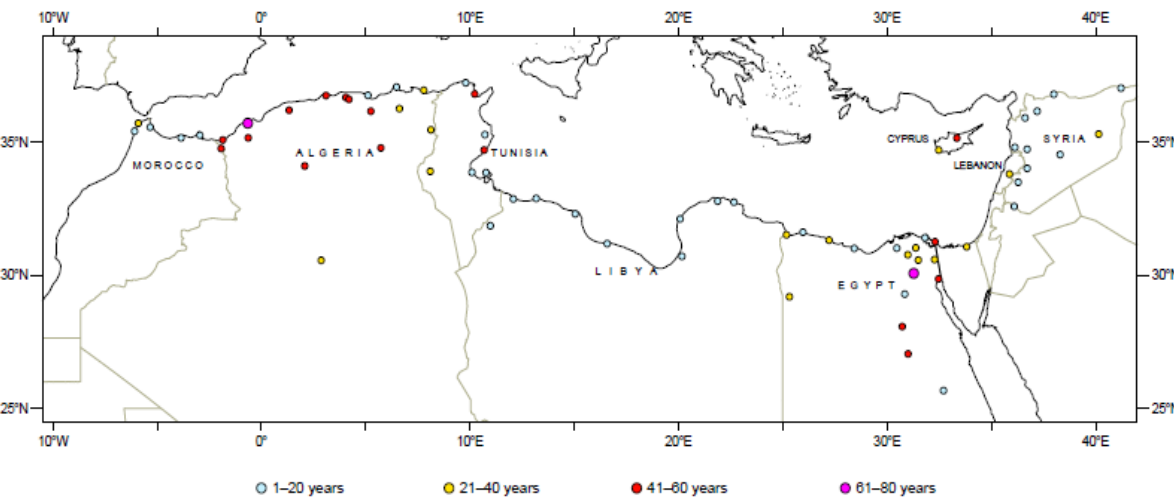
EURO4M selected sites: lengths of Precipitation time series (digitisation)



EURO4M selected sites: lengths of SLP time series (digitisation)



EURO4M selected sites: lengths of Tmin/Tmax time series (digitisation)



o Making use of funded-projects to integrate DARE components nationally & regionally

o The example of EURO4M and its WG1.3 on Data coordination

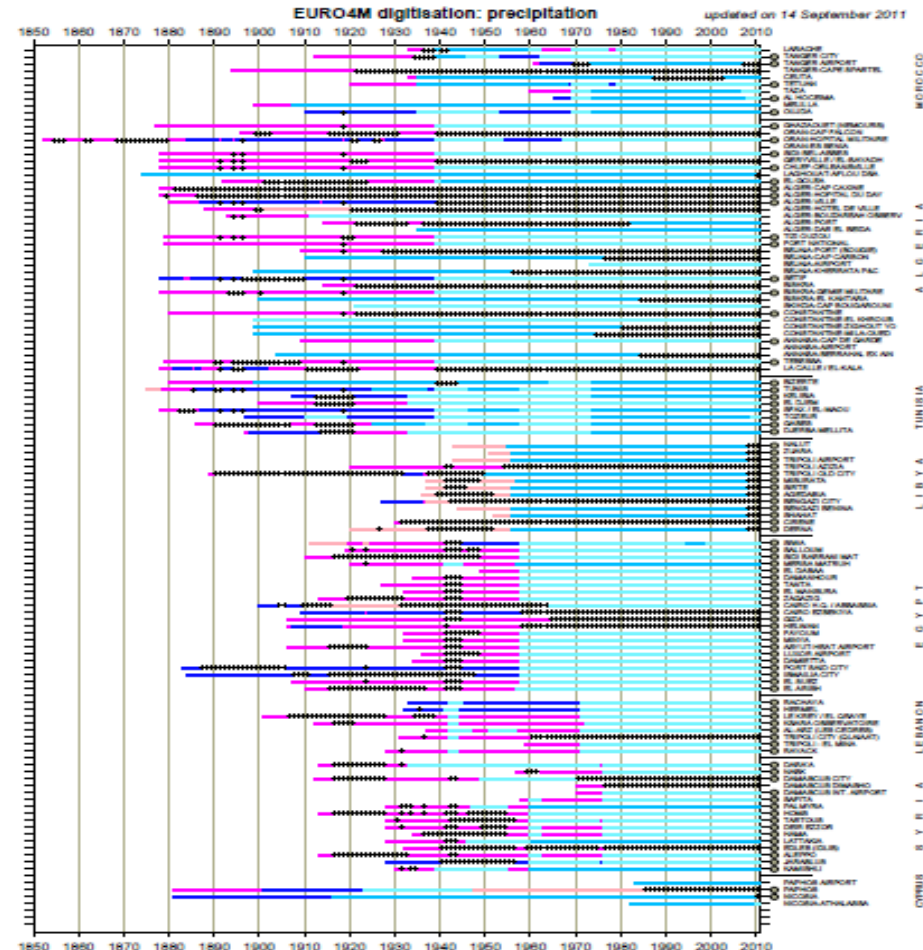
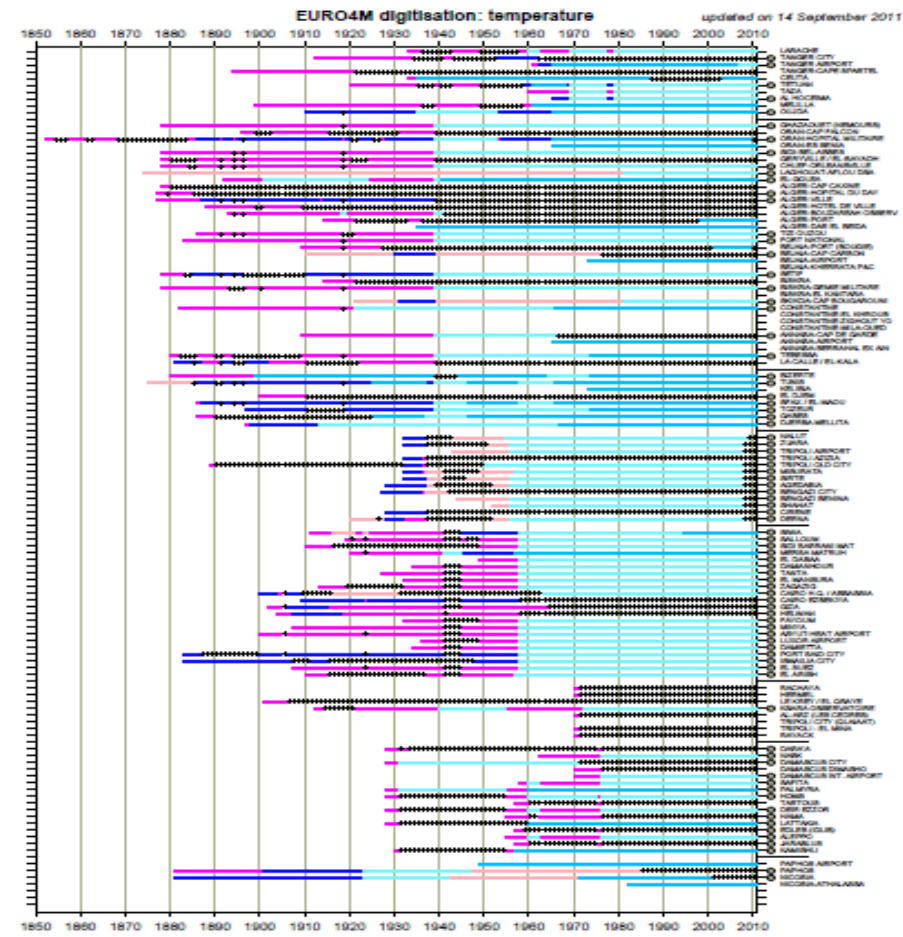
o MEDARE activities under EURO4M: enhancing long climate series availability over South and Southeast Mediterranean countries

# The EURO4M project link: A tale of successful coordination: a summary



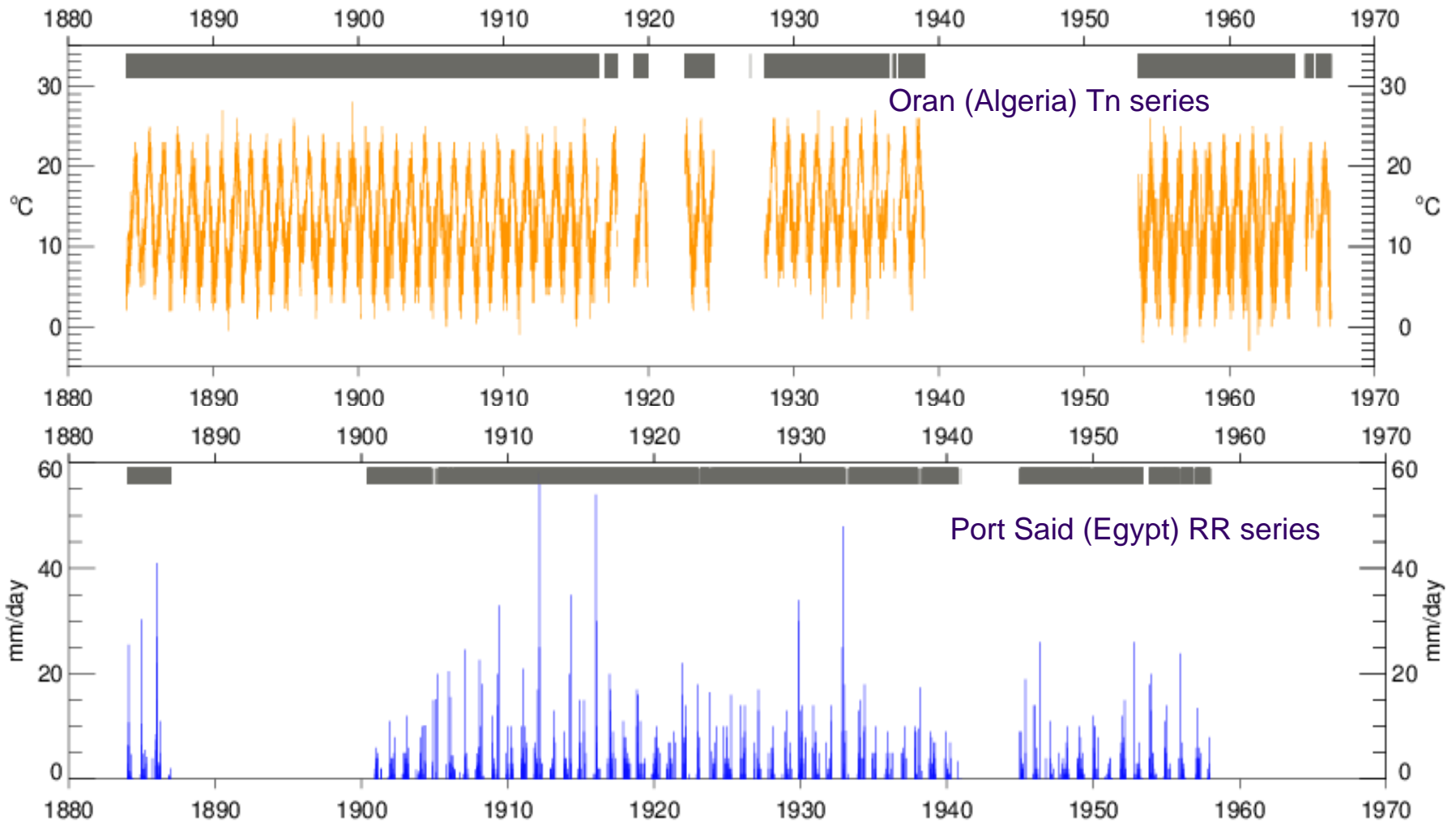
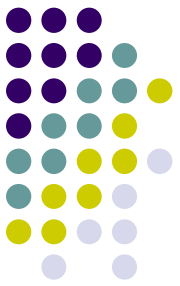
- **Number of records being rescued & developed over North Africa and Middle East Mediterranean countries**
  - 63 Tx/Tn series at daily scale
  - 68 RR series at daily scale
  - 38 SLP series at sub-daily scale
- **Tasks involved in the development of these long climate series:**
  - Locating/accessing relevant data sources & holders
  - Organising the images gathered and digitisation
  - Quality control & homogenisation, if possible
- **Data merging through data coordination & exchange**
  - Approaching relevant data holders (NMHS) and agreeing a data exchange exercise to merge and develop longer climate series
  - Positive answers from Algeria, Cyprus, Libya, Lebanon and Jordan, but still in progress...
- **Making available the recovered/digitised/QC'ed data to the MEDARE Data Base (the ancient parts of records) and the final records developed (e.g. merged with recent parts and homogenised) if the involved NMHS agree with sharing the data within MEDARE members or give access to other databanks, as well (e.g. ECA&D, CRU-databanks, ISTI..)**

# The EURO4M project link: combining the series for extending back in time

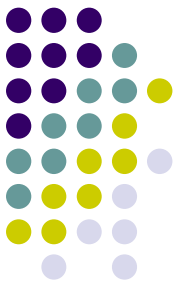


MOROCCO  
ALGERIA  
TUNISIA  
LIBYA  
EGYPT  
LEBANON  
SYRIA

# The EURO4M project link: an example of merging series in cooperation with the Algerian NMHS



# Other opportunities...



- A likely EURO4M following-up research proposal to be submitted the next call of FP7-Space programme: Uncertainty Estimation of Ensemble of Regional Re-Analyses (EURRA), including a DARE component for rescuing historical synop observations
- If selected another opportunity to continue building up and populating the MEDARE Data Base
- The DARE-SEE (South-eastern Europe) project over the Balkans: a funding opportunity brought by Finland
- What about your efforts at national and other scales?



# Expert Meeting objectives



- Foster discussion and agreement on the best ways to bring countries (NMHSs) views in order to start populating and developing the Mediterranean homogenised datasets and a data exchange policy within MEDARE
- Discuss the strategy to get the PRs approval for accessing to a reasonable number of available digital records at the national scale
- Identify the climate records populating first the data base (variables: TX/TR, RR, SLP..., timescale, length, completeness, representativeness)
- Discuss options for the data base portal:
  - Developed by MEDARE?
  - Hosted in an already established databank or develop a mirror (as ECA&D for ICA&D Initiative) ?
  - Accessibility level ?
  - Data management Updating?
  - Time-series development (QCed/homogeneised) ?
- Last, but not least, identify the country needs in DARE techniques and explore supporting ways for capacity development activities in DARE

# Expected outcomes



- Country views report based on your presentations and on your responses to the questionnaire
- Inventory of the first climate records populating the data base
- Road map to start to populate and develop the MEDARE datasets
- Agreement on the data base implementation, management and time-series development
- Discuss options for the data base portal:
  - Developed by MEDARE?
  - Hosted in an already established databank or develop a mirror (as ECA&D for ICA&D Initiative) ?
  - Accessibility level ?
  - Data management Updating?
  - Time-series development (QCed/homogeneised) ?
- Last, but not least, identify the country needs in DARE techniques and explore supporting ways for capacity development activities in DARE



Thanks!

TeseKurier!