CO_2 storage potential

#2050 – Demystifying negative emission technologies
EU side event, COP24, Katowice, 12 Dec 2018

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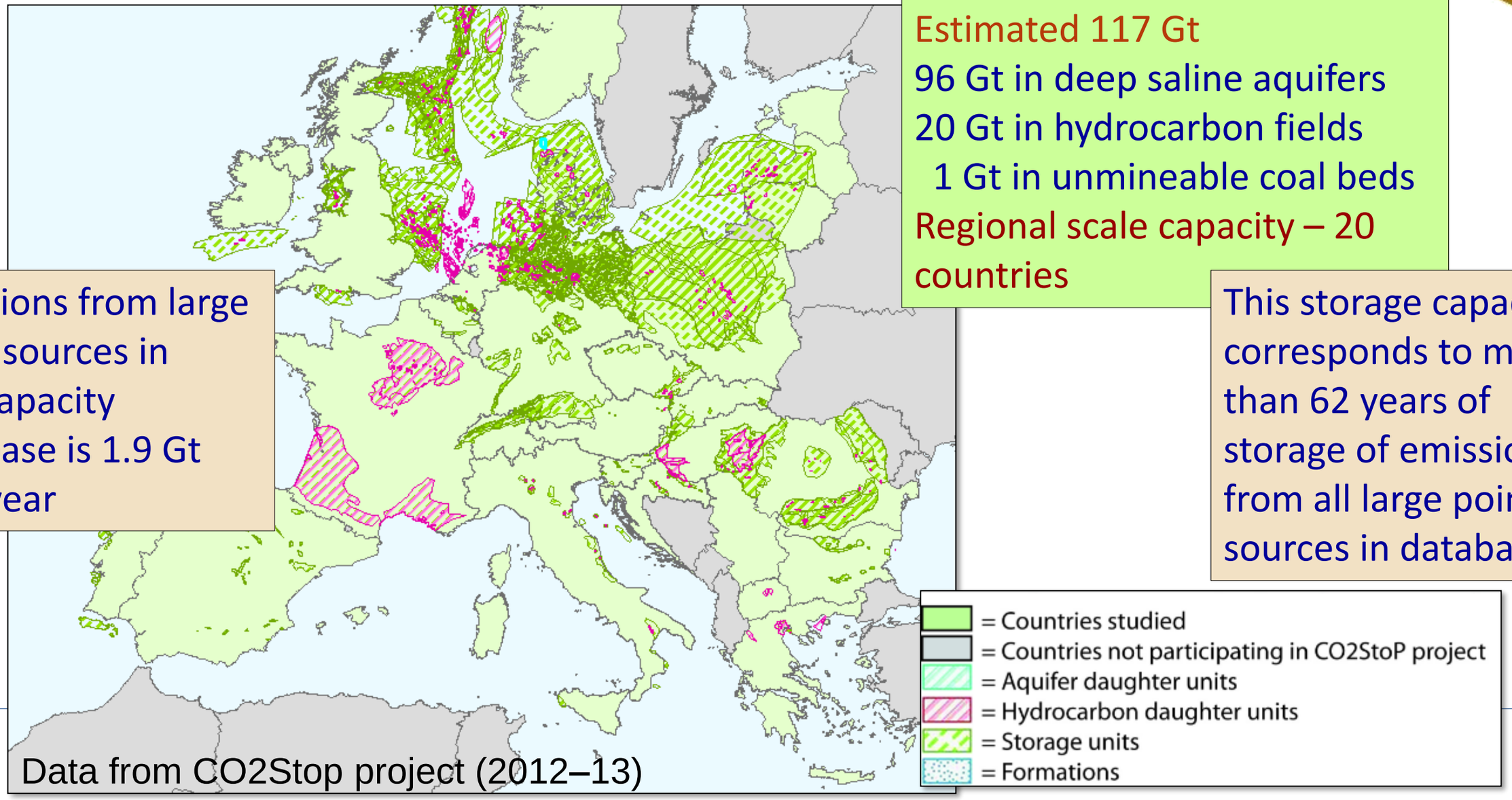
The European Network of Excellence on the Geological Storage of CO_2

EU storage capacity



Data from CO2Stop project (2012–13)

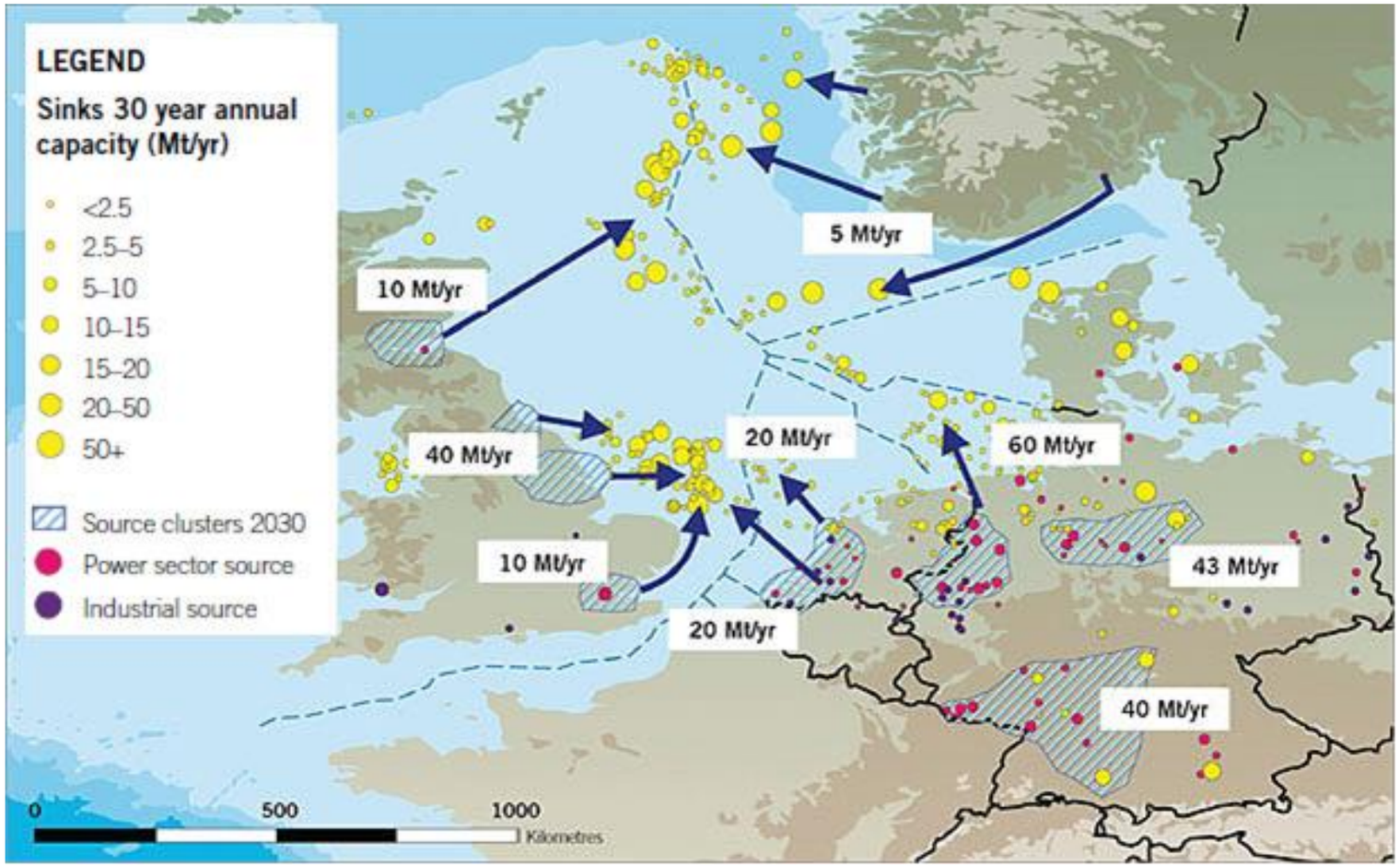
Estimated 117 Gt
96 Gt in deep saline aquifers
20 Gt in hydrocarbon fields
1 Gt in unmineable coal beds
Regional scale capacity – 20 countries

Emissions from large point sources in GeoCapacity database is 1.9 Gt CO_2/year

This storage capacity corresponds to more than 62 years of storage of emissions from all large point sources in database.

North Sea region has sufficient storage potential.

More than 7 Gtonne CO_2 can be stored in the Southern North Sea.



(Source: Element Energy, 2010)

The message

CO_2 geological storage potential in Europe is large – at least several decades worth of emissions can be stored!

CO_2GeoNet Open Forum

San Servolo Island, Venice, 6-9 May 2019

Act now for zero emissions

The role for CO_2 capture, utilisation and storage

SAVE THE DATE
6-9 MAY 2019

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