

Integrated Coastal Zone Management & Planning

Towards Sustainability & Resilience

Activities

Workplan

Results



Mediterranean
Action Plan
Barcelona
Convention



Global Water
Partnership
Mediterranean



Why this project?



A look at Europe and North Africa. (NASA, 2012)

Project idea

Project activities

State of the Lebanese coast



Mediterranean Action Plan

Child Project 2.1 in Lebanon

- Project designed since 2015, aiming to support implementation of the ICZM Protocol, ratified by Lebanon in 2017;
- Activities designed in collaboration with PAP/RAC NFP, aiming to support enhancement of the legal, institutional and operational capacities for implementation of the ICZM Protocol.
- Thanks to the EU satellites and Sentinel programme, we finally have tools, means and ability to monitor coastal urbanization, coastal land take and land cover change. This may revolutionarize coastal planning and management!

Child Project 2.1 in Lebanon

- Project designed since 2015, aiming to support implementation of the ICZM Protocol, ratified by Lebanon in 2017;
- Activities designed in collaboration with PAP/RAC NFP, aiming to support enhancement of the legal, institutional and operational capacities for implementation of the ICZM Protocol.
- Thanks to the EU satellites and Sentinel programme, we finally have tools, means and ability to monitor coastal urbanization, coastal land take and land cover change. This may revolutionize coastal planning and management!



Child Project 2.1 activities

- land cover change indicator calculations
- comparative analysis of the coastal legislation
- support to establishment and work of the Inter-Ministerial Committee (IMC)
- national strategy for ICZM
- integrated management plan for Damour area (river basin, coastal aquifers and coastal zone)

Child Project 2.1 activities

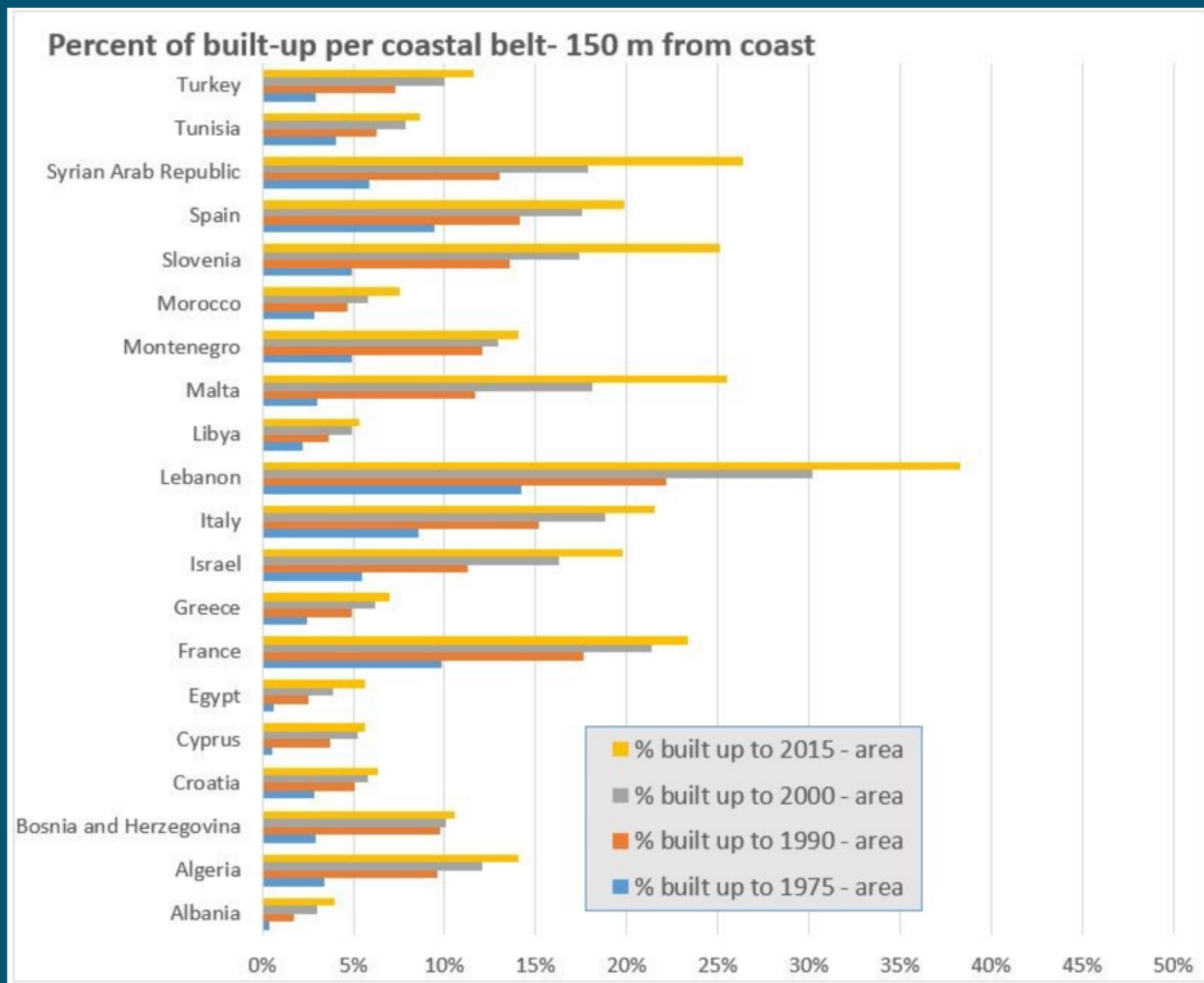
- land cover change indicator calculations
- comparative analysis of the coastal legislation
- support to establishment and work of the Inter-Ministerial Committee (IMC)
- national strategy for ICZM
- integrated management plan for Damour area (river basin, coastal aquifers and coastal zone)



Participatory
foresight
analysis

Coastal urbanization in Mediterranean

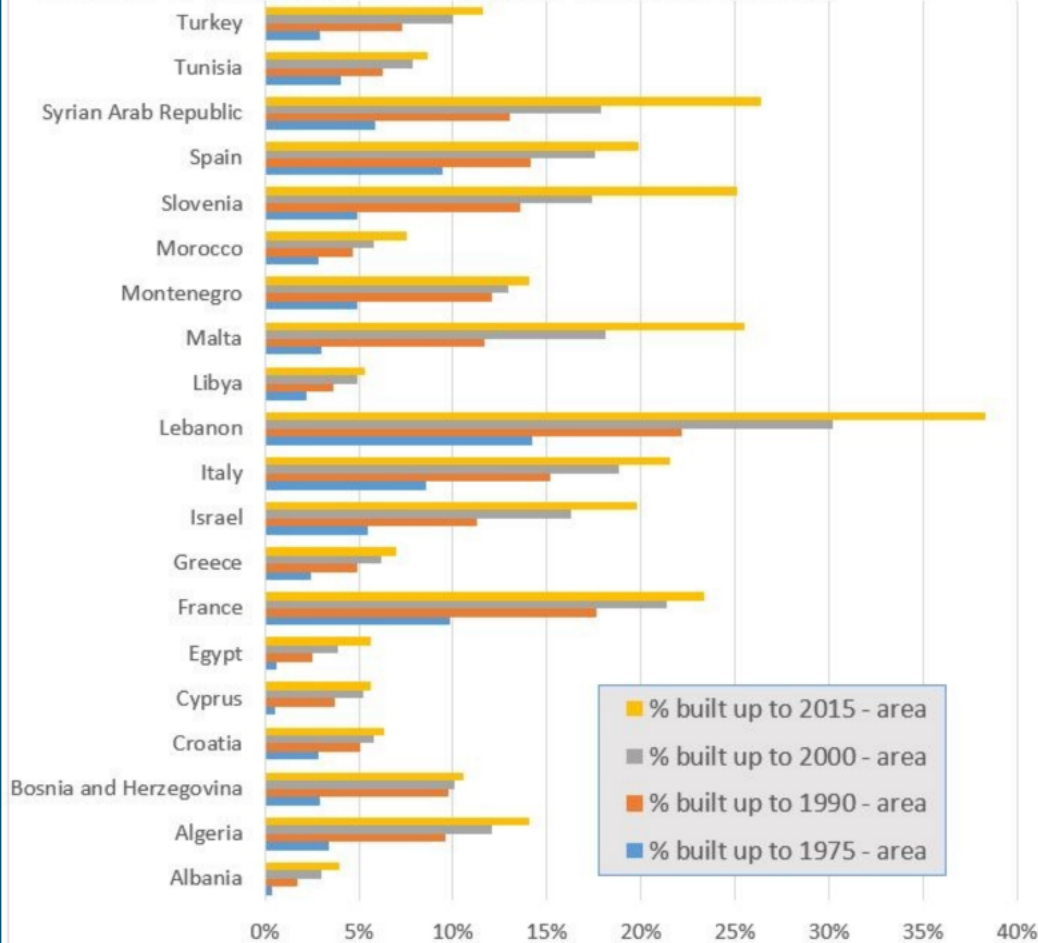
Lebanon



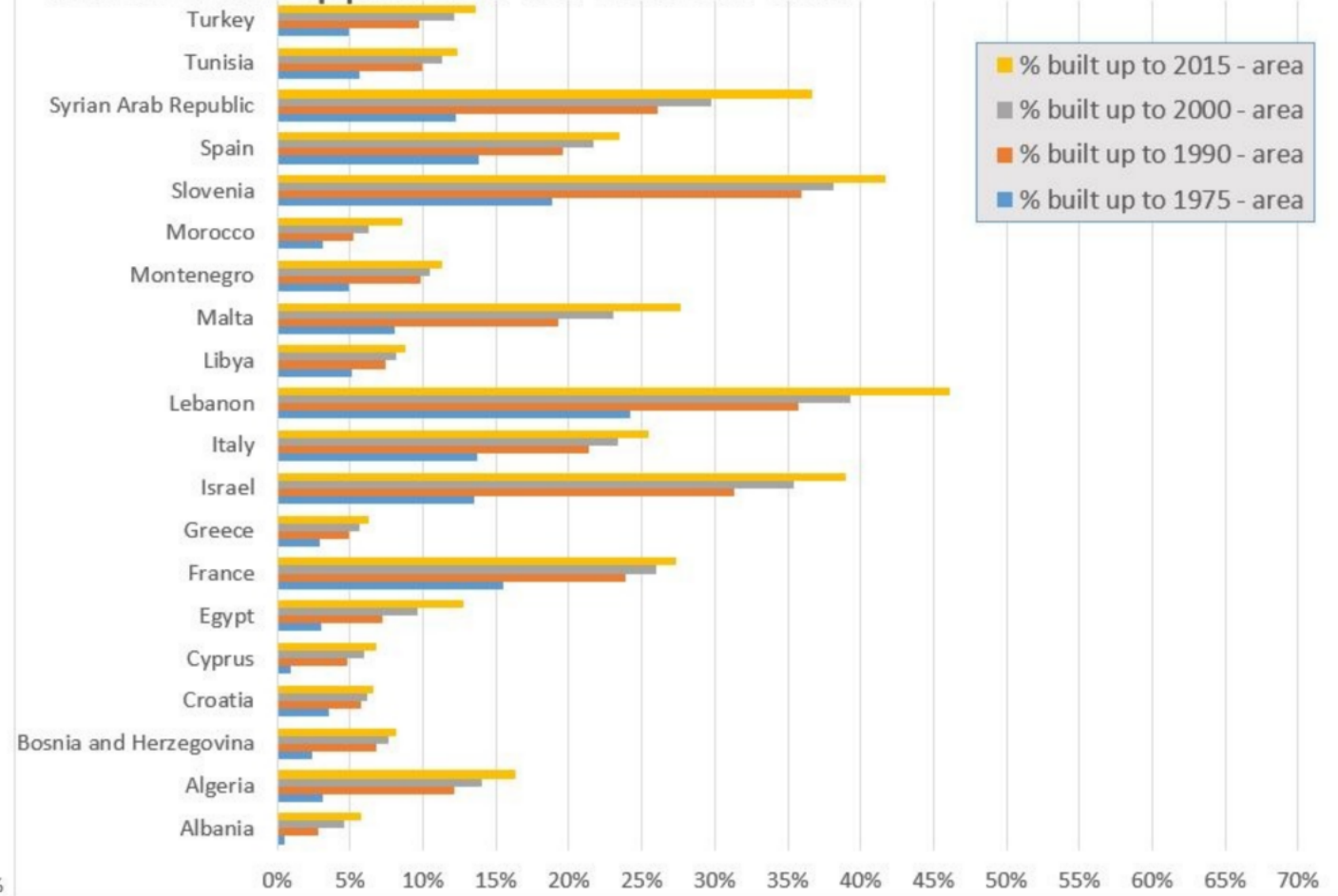
Coastal urbanization in Mediterranean

Lebanon

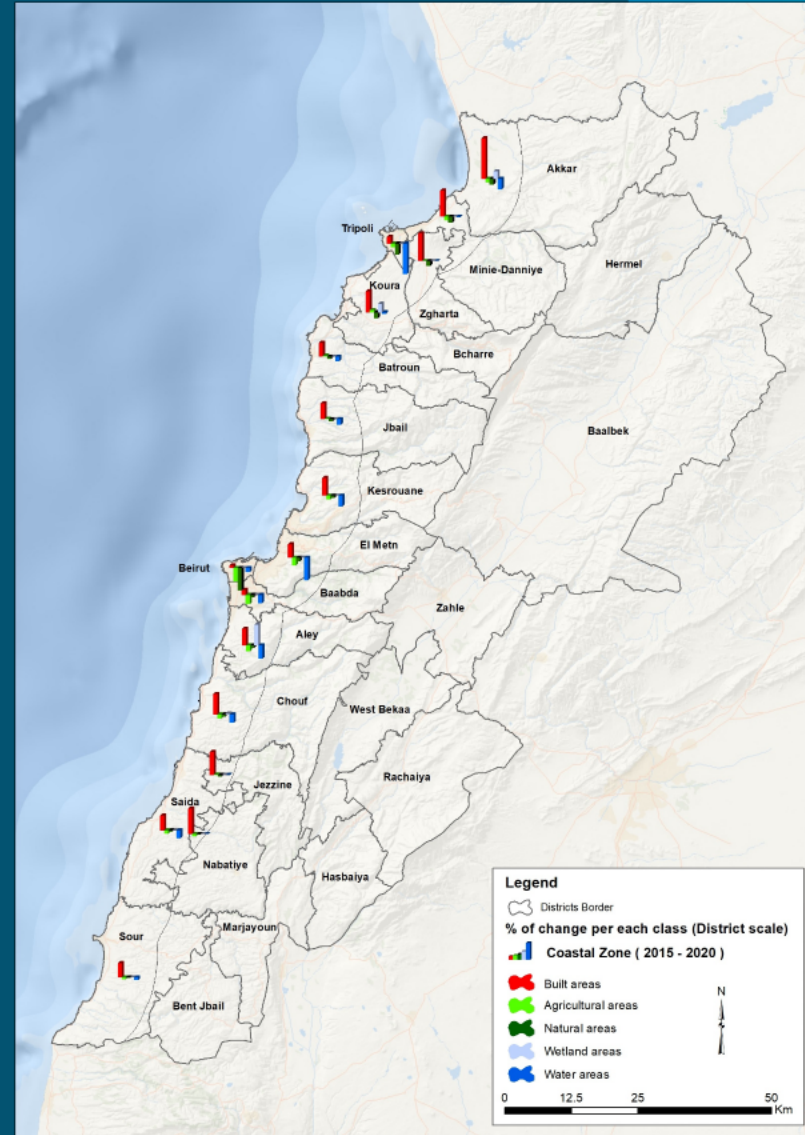
Percent of built-up per coastal belt- 150 m from coast



Percent of built-up per coastal belt- 1 km from coast



Coastal urbanization in Lebanon (2015-2020)

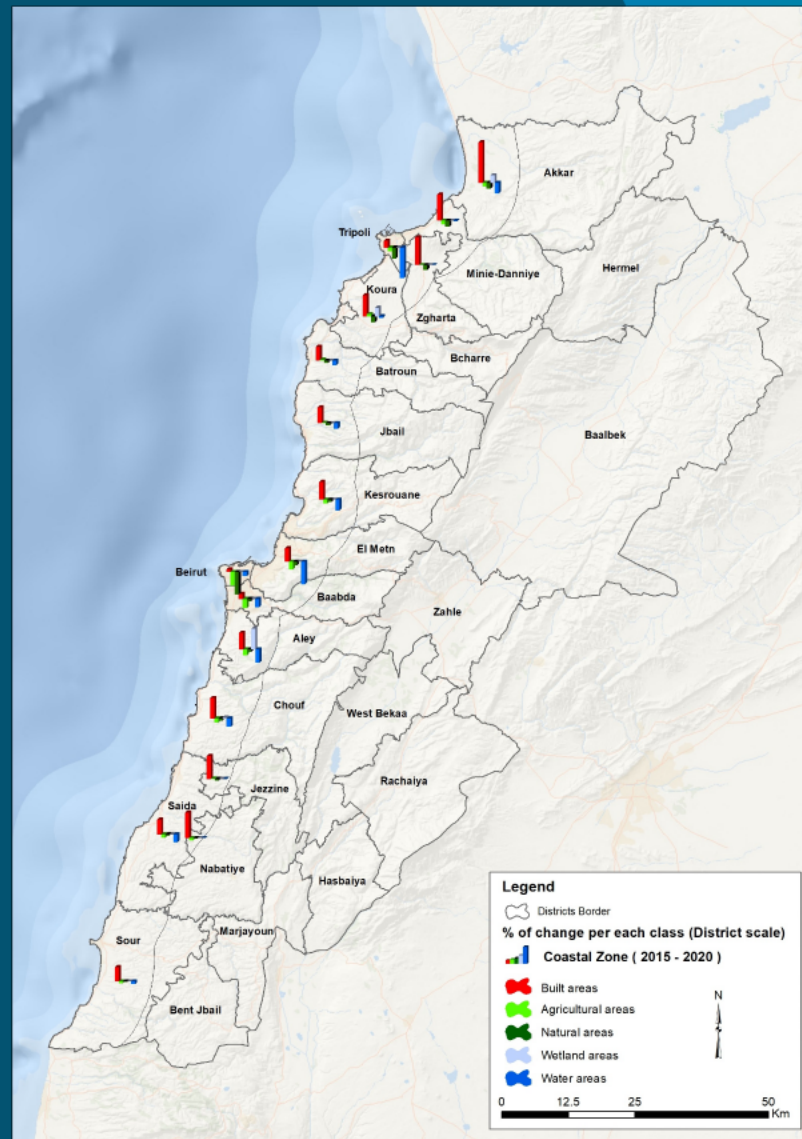


*corrected as per revised results

% of
increase of
built-up

Coastal urbanization in Lebanon (2015-2020)

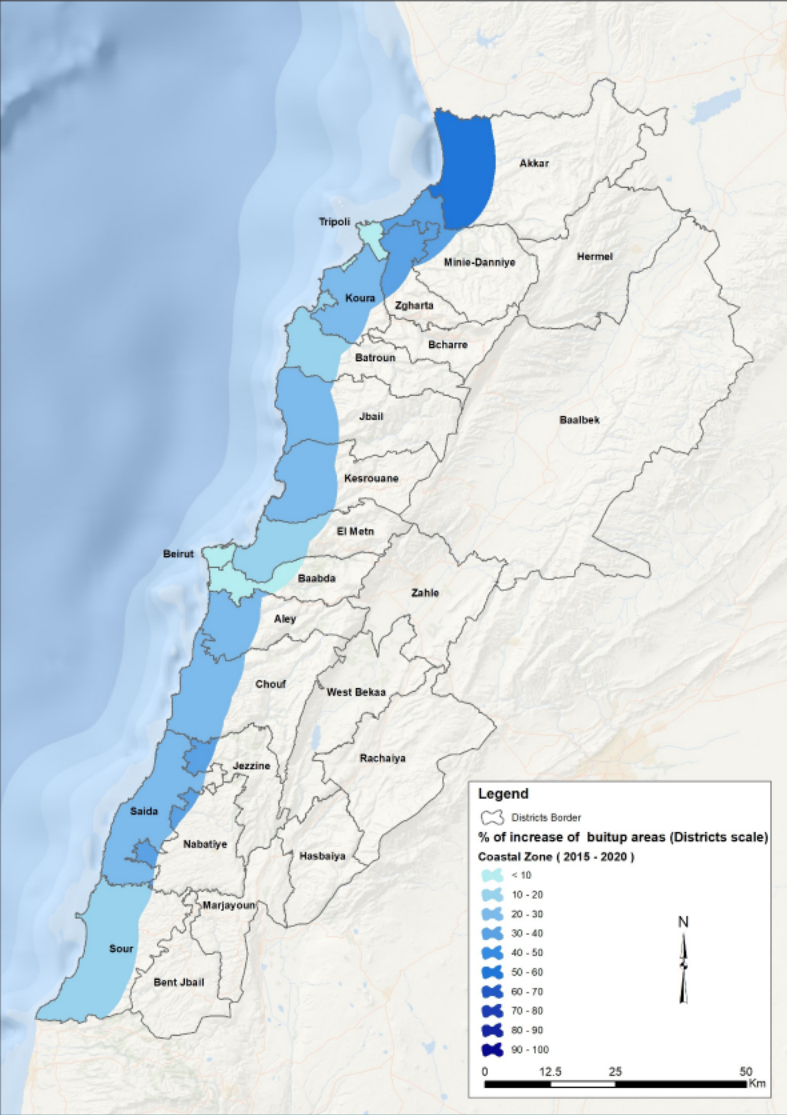
**PRELIMINARY DATA -
83% accuracy**



**% of
increase of
built-up**

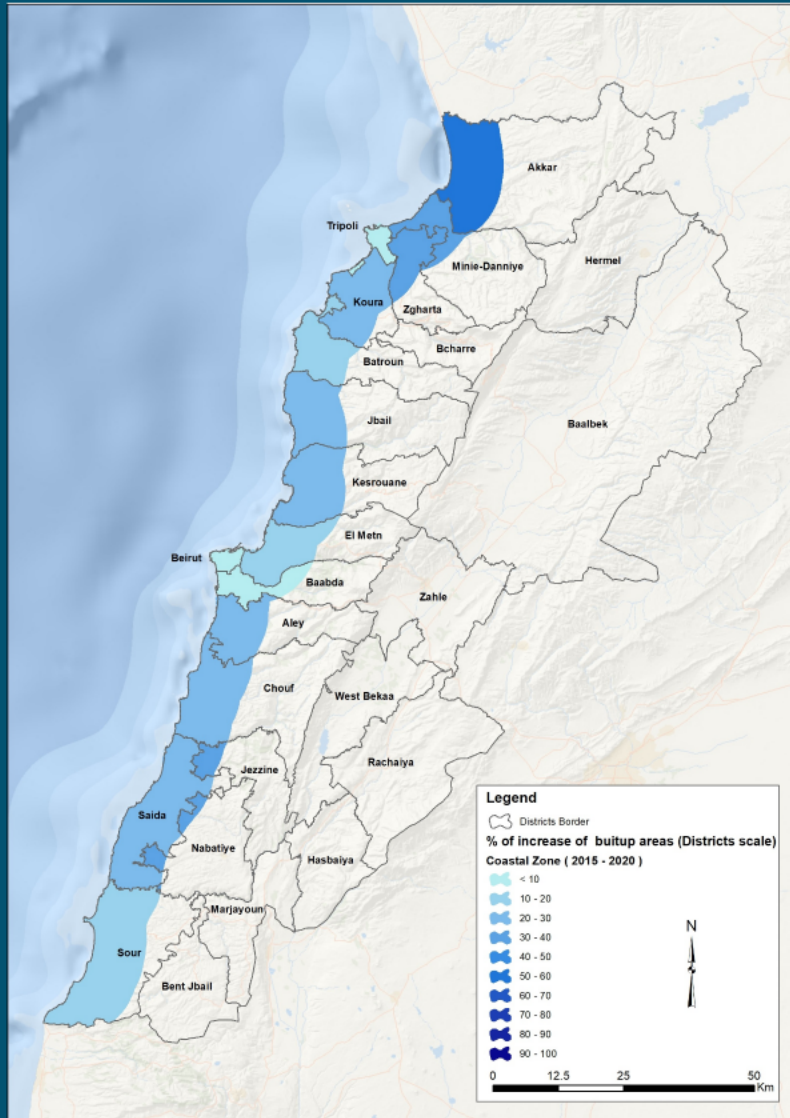
*corrected as per revised results

% of increase of build up (2015-2020)



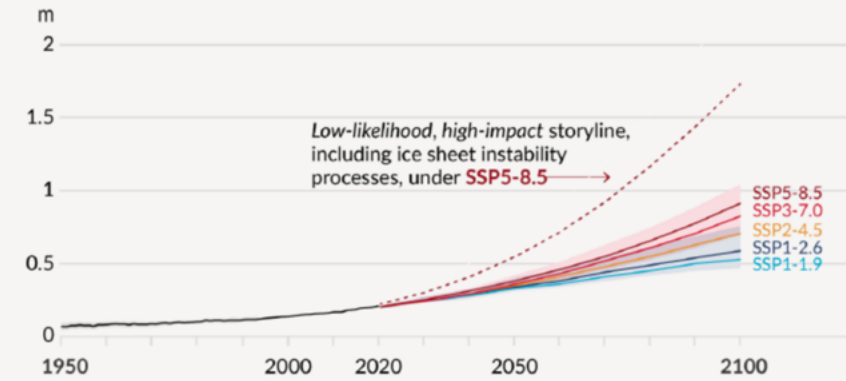
*corrected as per revised results

% of increase of build up (2015-2020)

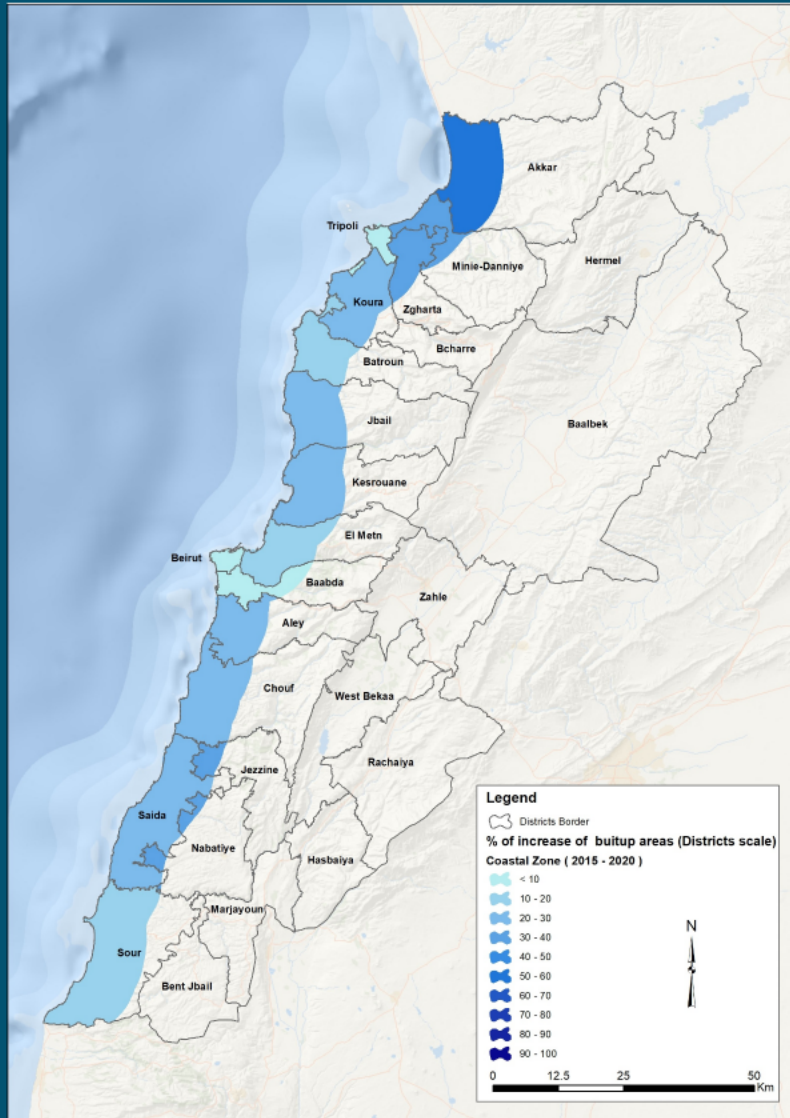


*corrected as per revised results

d) Global mean sea level change relative to 1900

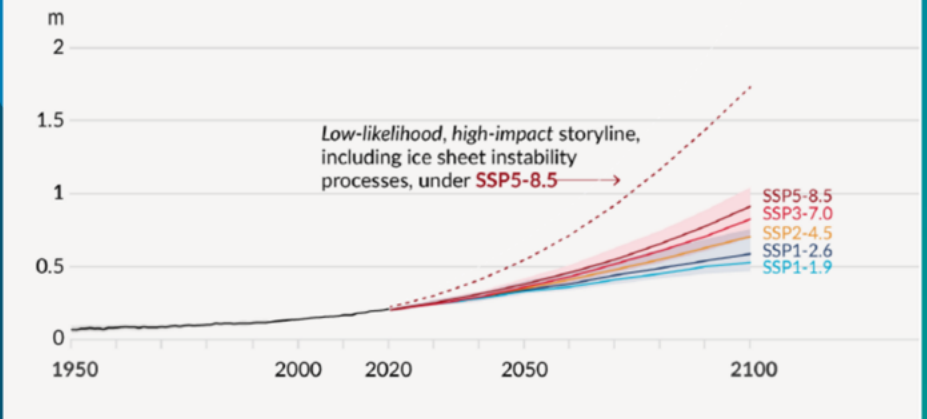


% of increase of build up (2015-2020)



*corrected as per revised results

d) Global mean sea level change relative to 1900



SIXTH ASSESSMENT REPORT

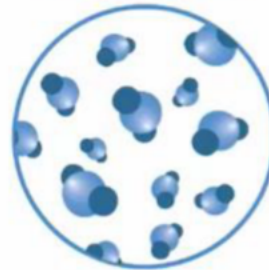
Working Group I – The Physical Science Basis

ipcc

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



CO₂ concentration



Highest

in at least

2 million years

Sea level rise



Fastest rates

in at least

3000 years

Arctic sea ice area



Lowest level

in at least

1000 years

Glaciers retreat



Unprecedented

in at least

2000 years

Integrated Coastal Zone Management & Planning

Towards Sustainability & Resilience

Activities

Workplan

Results



Mediterranean
Action Plan
Barcelona
Convention



Global Water
Partnership
Mediterranean



Work plan

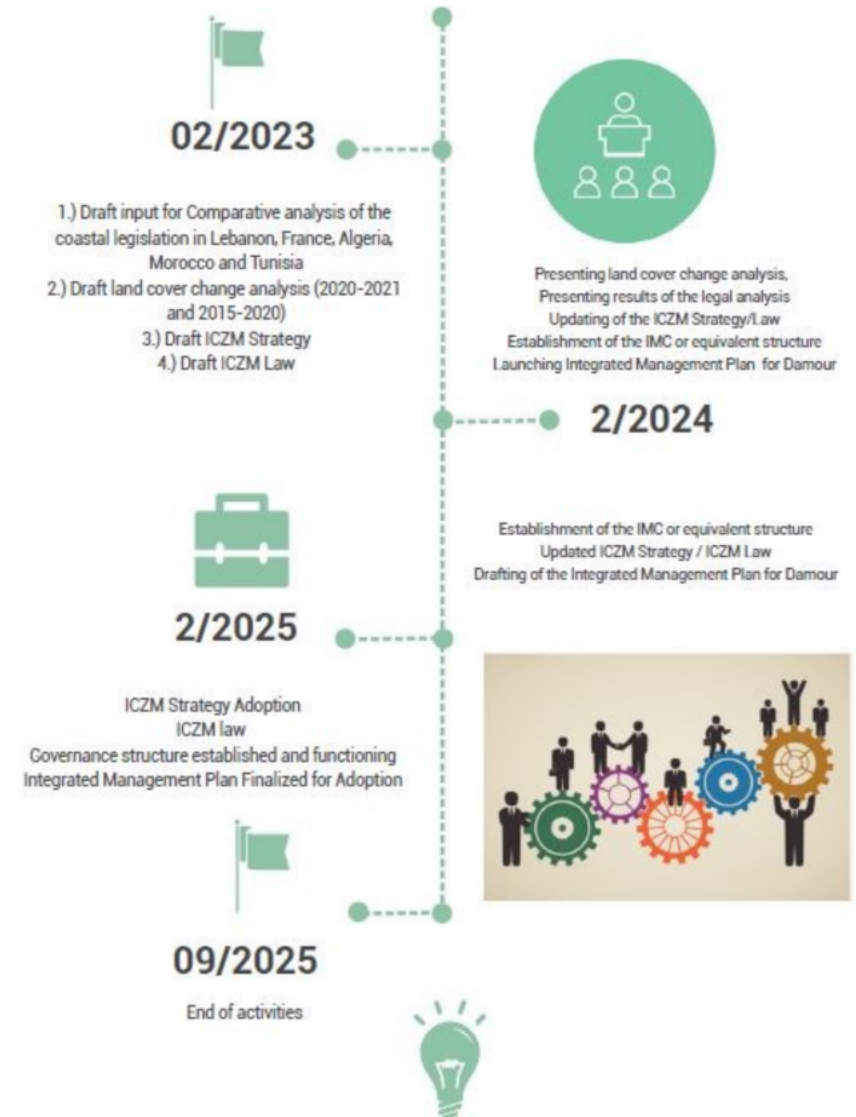
Project activities initiated in January 2021

Activities in Lebanon launched in June 2022

Completion date: September 2025

Timeline

MedProgramme CP2.1 support to coastal management in Lebanon



Timeline

MedProgramme CP2.1 support to coastal management in Lebanon



- 1.) Draft input for Comparative analysis of the coastal legislation in Lebanon, France, Algeria, Morocco and Tunisia
- 2.) Draft land cover change analysis (2020-2021 and 2015-2020)
- 3.) Draft ICZM Strategy
- 4.) Draft ICZM Law



Presenting land cover change analysis,
Presenting results of the legal analysis
Updating of the ICZM Strategy/Law
Establishment of the IMC or equivalent structure
Launching Integrated Management Plan for Damour

3.) Draft ICZM Strategy
4.) Draft ICZM Law

Establishment of the IMC or equivalent structure
Launching Integrated Management Plan for Damour

2/2024



2/2025

Establishment of the IMC or equivalent structure
Updated ICZM Strategy / ICZM Law
Drafting of the Integrated Management Plan for Damour

ICZM Strategy Adoption
ICZM law

Governance structure established and functioning
Integrated Management Plan Finalized for Adoption



2/2025

ICZM Strategy Adoption
ICZM law
Governance structure established and functioning
Integrated Management Plan Finalized for Adoption



09/2025

End of activities



Integrated Coastal Zone Management & Planning

Towards Sustainability & Resilience

Activities

Workplan

Results



Barcelona Convention



Mediterranean



What can we hope for from this project?

- studies & assessments; data, capacity building, awareness raising;
- updated & adopted ICZM Strategy & ICZM law;
- enhancing governance...

What can we hope for from this project?

- studies & assessments; data, capacity building, awareness raising;
- updated & adopted ICZM Strategy & ICZM law;
- enhancing governance...

Historian Y.N.Harrari said that the main reason why humans run the world lies in our ability to cooperate in large numbers; in our ability to create and sustain grand collaborative myths.

What can we hope for from this project?

- studies & assessments; data, capacity building, awareness raising;
- updated & adopted ICZM Strategy & ICZM law;
- enhancing governance...

Historian Y.N.Harrari said that the main reason why humans run the world lies in our ability to cooperate in large numbers; in our ability to create and sustain grand collaborative myths.



What can we hope for from this project?

- studies & assessments; data, capacity building, awareness raising;
- updated & adopted ICZM Strategy & ICZM law;
- enhancing governance...

Historian Y.N.Harrari said that the main reason why humans run the world lies in our ability to cooperate in large numbers; in our ability to create and sustain grand collaborative myths.

Governance is a task that exceeds the management structures and requires wide social partnership to be successful!



Integrated Coastal Zone Management & Planning

Towards Sustainability & Resilience

Activities

Workplan

Results



Barcelona Convention



Mediterranean

