



ADAPTtoCLIMATE Conference 19-20/4/21

National Adaptation Strategy of Cyprus

and other relevant national adaptation actions

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- The development of the National Adaptation Strategy of Cyprus
- The Strategy and action plan
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- The Cyprus Initiative



1

The development of the National Adaptation Strategy of Cyprus

2011-2014

CYPADAPT

The development of Cyprus' National Adaptation Strategy

01

2017

Adoption

The National Strategy and Action Plan were adopted by the Council of Ministers in May 2017

03

1 The development of the National Adaptation Strategy of Cyprus

02

Climate Change Risk Assessment

2015

04

Implementation

The council of ministers decision foresees an annual progress report of the implementation and any revision of actions included

2017→

2. The national strategy and action plan





The Strategy

- The implementation of the Strategy aims at enhancing Cyprus' capacity to adapt to observed and projected climate change and aims to effectively prevent and address the negative impacts of climate change.
- The Strategy is accompanied by the National Action Plan which consists of 64 actions in 12 sectors: Water, Soil, Coastal areas, Biodiversity, Agriculture, Forests, Health, Energy, Tourism and Infrastructure, Fisheries & Aquaculture, Transport





1 Water Resources

- Reduce losses
- Increase efficiency
- Water re-use
- Implementation and regular revisions of the Drought Management Plan
- Promotion of rainwater collection sponsorship plan in residences

[9 measures]



2. Soil

- Development and implementation of a plan of measures to combat / halt desertification in Cyprus
- Agro-environmental measures through the Rural Development Programme 2014-2020
- Control of illegal and free grazing
- Development and implementation of a plan for sustainable land use

[4 measures]



3. Coastal zones

- Identify coastal areas susceptible to climate change
 - Research on sea level rise
 - Integrated Coastal Zone Management
 - Protect and improve coastal zones against coastal erosion
- [4 measures]



4. Biodiversity

- Protection, conservation and proper management of the important natural wetlands
- Creation of a database on endemic biodiversity
- Action plan for the protection of climate change threatened species and their habitats
- Promoting research on biodiversity and climate change
- Analysis of the vulnerability of ecosystems to climate change
- Address the risk of alien invasive species

[6 measures]



5. Agriculture

- Improving efficiency in water use
- Incentives to use recycled water
- Identification and promotion of the use of Indigenous and other genetic material adapted to the soil-climatic conditions that will result from climate change
- Promoting research to study the effects of climate change on agriculture and livestock farming
- Extreme weather early warning systems
- Advice and education on crop adaptation to climate change

[8 measures]



6. Forests

- Strategic plan for the adaptation of the forests of Cyprus to climate change
- Addressing an increased risk of forest fires
- Installation of a monitoring system for pest populations
- Research, data collection and systematic monitoring of the effects of climate change on forests/ selection and use of suitable forest species

[4 measures]



7. Fisheries and aquaculture

- Protection of breeding habitats
[1measure]

8. Tourism

- Investment in infrastructure / technologies to address elevated temperatures
[1measure]



9. Public Health

- Strengthening health system and local authorities to address climate change-related emergencies
 - Warning systems and guidance
 - Guidance on individual heatwave protection
- [9 measures]



10. Energy

- Increase energy production from RES
- Increase energy efficiency
- Improve variety in the energy mix
- Improve connectivity of Cyprus

[8 measures]



11 Infrastructure

- Flood relief measures
- Rainwater management in buildings
- Improving the design and construction materials of buildings and transport infrastructure
- Informing insurance organizations
- Creation and maintenance of urban parks and other green practices to limit the phenomenon of urban heat island

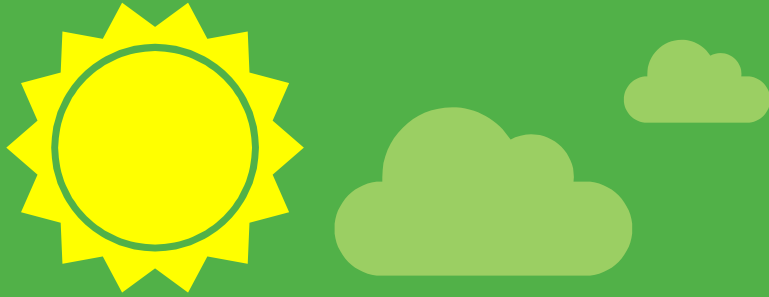
[6 measures]



12. Transport

- Shift of vehicle traffic to sustainable means of Transport-Urban Mobility Project actions
- Broad Tree Planting
- Use of buses with minimal or no pollutants
- Increase in the use of electric and other non-polluting cars
- Increase the efficiency of logistics and freight logistics

[5 measures]



3. Implementation



- Implementation of the action plan involves more than 20 stakeholders
- Annually updated – last update completed in March 2021
- Progress of implementation is annually reported to the Council of Ministers



Challenges

Large number of stakeholders involved

Adaptation not key priority for some departments therefore not in priority when annual funds are allocated

Involvement of local authorities



Implementation of adaptation actions and improvement of
the national action plan is a continuous effort



4. The Cyprus' initiative





Cyprus' initiative

- Work initiated in 2018 by the President of the Republic of Cyprus
- The Eastern Mediterranean and Middle East (EMME) region is highly vulnerable to the impact of climate change [one of the global “hotspots”]



The aim of the initiative

The aim is to develop an Action Plan to address the specific needs and challenges countries are facing in the Eastern Mediterranean and Middle East region to address and ameliorate the impact of climate change and advance mitigation actions in accordance with the Paris Agreement.



Content of the initiative

Scientific

13 task forces contributing to specific issues of regional interest (e.g. water, energy, migration, tourism)

Task Forces will be mandated to produce Thematic Reports (“White Papers”) in their respective areas of scientific focus.

Coordinator: The Cyprus Institute



Content of the initiative

Intergovernmental component

The output of the scientific work will be presented to the countries' ministers in mid-2022

And to the countries' leaders in end of 2022

So far, there are countries participating

Thank you

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