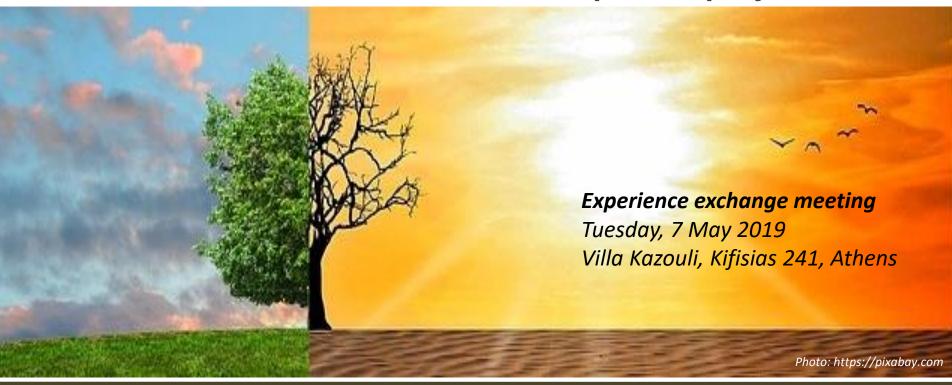
Climate Change Adaptation policy in Greece-Presentation of the LIFE-IP AdaptInGR project





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THE EU STRATEGY ON ADAPTATION TO CLIMATE CHANGE

- COM(2013) 216 final
- REGULATION (EU) No 525/2013, art.15

Priority 1: Promoting action by Member States

Action 1. Encourage MS to adopt Adaptation Strategies and action plans

Action 2. LIFE funding, including adaptation priority areas

Action 3. Promoting adaptation action by cities along the Covenant of Mayors initiative

Priority 2: Better informed decision-making

Action 4. Knowledge-gap strategy

Action 5. Climate-ADAPT

Priority 3: Key vulnerable sectors

Action 6. Climate proofing the Common Agricultural Policy, Cohesion Policy, and the Common Fisheries Policy

Action 7. Making infrastructure more resilient

Action 8. Promote products & services by insurance and finance markets

MILESTONES TOWARDS ADAPTING GREECE TO CLIMATE CHANGE

2011

 National multi-sectoral climate change impacts & vulnerability (CCIV) assessment by the Climate Change Impacts Study Committee (CCISC) of the Bank of Greece.

2014

• MoU between the Ministry of Environment & Energy and various academic institutions under the supervision of the Academy of Athens.

2015

• A national adaptation strategy is drafted and released for public consultation.

2016

• Law 4414/2016 (articles 42-45) sets the framework for the national adaptation strategy (NAS), the regional adaptation action plans (RAAPs) and the national climate change adaptation committee (NCCAC), and endorses the first NAS.

2017

• Technical Specification for RAAPs' content – Procurement and conduction of the first studies for the Regional Adaptation Action Plans (RAAPs)- Establishment of the NCCAC.

2018

• NCCAC kick-off meeting.

2019

• LIFE-IP AdaptInGR project is kicked-off. The project will catalyse the implementation of the first adaptation policy cycle (2016-2026) and prepare the passage to 2nd (2026+).

LAW 4414/2016 (articles 42-45)

Article 42 National Climate Change Adaptation Strategy (NAS)

Responsible: Ministry of Environment & Energy

Revision: at least every 10 years upon an assessment

<u>Content</u>: goals & priorities, climate change projections, vulnerability & impacts assessment, priority sectors for action, <u>potential measures</u>, cost estimates, proposals to mainstream adaptation, international aspects, awareness raising, education & research activities

Article 43 Regional Climate Change Adaptation Plans (RAPs)

Responsible: Regional Authorities

Revision: at least every 7 years upon an assessment

<u>Content</u>: goals, baseline, climate change projections & vulnerability assessment, impacts assessment & identification of priorities, <u>action plan</u>, monitoring plan, synergies, interregional cooperation, consultation and awareness raising

Article 44 National Climate Change Adaptation Committee

(members & mission)

Article 45 The Climate Change Adaptation Strategy published in 2016 is adopted as the first NAS



THE CLIMATE CHANGE ADAPTATION FRAMEWORK

COORDINATION:

National Climate Change Adaptation Committee

STRATEGY:

National Climate Change Adaptation Strategy

ACTION PLAN:

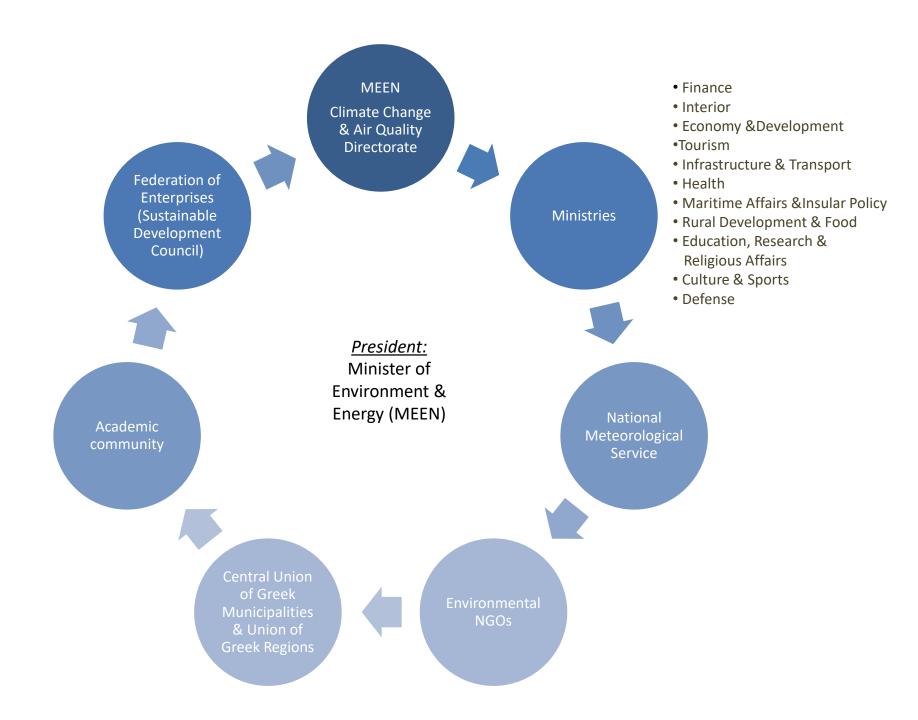
13 Regional Climate Change Adaptation Plans





THE NATIONAL CLIMATE CHANGE ADAPTATION COMMITTEE





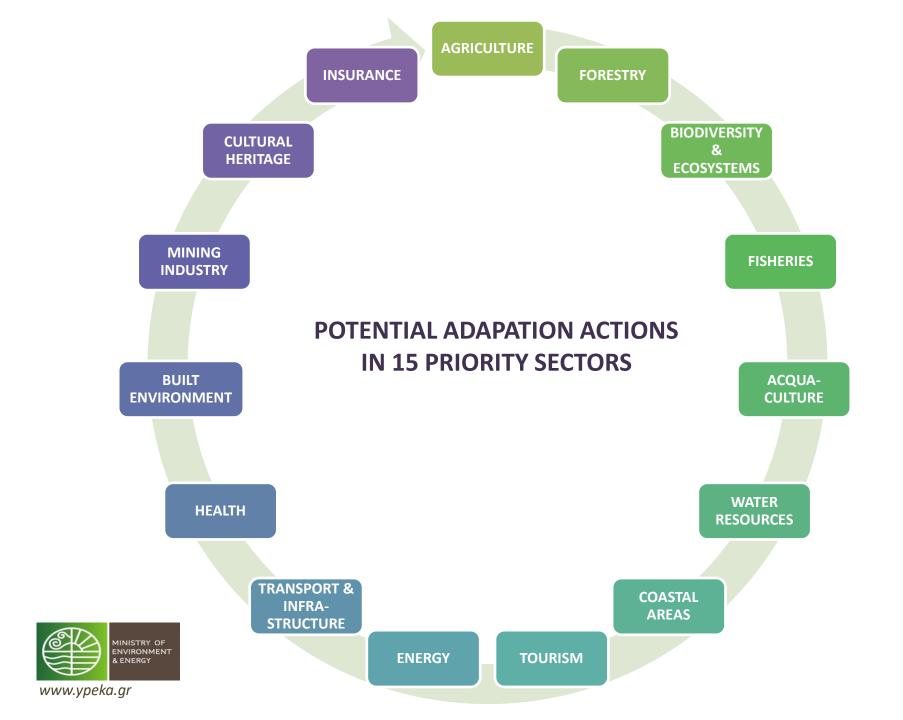


THE NATIONAL ADAPTATION STRATEGY



KEY OBJECTIVES

The systematization and improvement of short- and long-term decision making for Climate Change Adaptation.	
The linking of Climate Change Adaptation with a sustainable development model through Regional and Local Action Plans.	
The promotion of actions and adaptation policies in all sectors, and particularly the most vulnerable ones.	
The establishment of a monitoring mechanism for the evaluation and review of adaptation policies and actions.	
The strengthening of the adaptive capacity of the Greek society through awareness and dissemination actions.	



AGRICULTURE

Action 1Promote research & innovation, dissemination of research results to trainers and end-users3 measuresAction 2Development of Regional Sustainable Agriculture Plans1 measureAction 3Building new and/or improving the existing systems monitoring the impacts of climate change on agriculture7 measuresAction 4Building new and/or improving the exiting systems monitoring the impacts of climate change on livestock4 measuresAction 5Sustainable management of natural resources (land &water resources, biodiversity etc.)4 measuresAction 6Changes in biological material and cultivation practices4 measuresAction 7Risk and disaster management4 measures			
Action 3 Building new and/or improving the existing systems monitoring the impacts of climate change on agriculture Action 4 Building new and/or improving the exiting systems monitoring the impacts of climate change on livestock Action 5 Sustainable management of natural resources (land &water resources, biodiversity etc.) Action 6 Changes in biological material and cultivation practices 4 measures 4 measures	Action 1	· ·	3 measures
monitoring the impacts of climate change on agriculture Action 4 Building new and/or improving the exiting systems monitoring the impacts of climate change on livestock Action 5 Sustainable management of natural resources (land &water resources, biodiversity etc.) Action 6 Changes in biological material and cultivation practices 4 measures 4 measures	Action 2	Development of Regional Sustainable Agriculture Plans	1 measure
monitoring the impacts of climate change on livestock Action 5 Sustainable management of natural resources (land &water resources, biodiversity etc.) Action 6 Changes in biological material and cultivation practices 4 measures	Action 3		7 measures
resources, biodiversity etc.) Action 6 Changes in biological material and cultivation practices 4 measures	Action 4		4 measures
	Action 5	,	4 measures
Action 7 Risk and disaster management	Action 6	Changes in biological material and cultivation practices	4 measures
	Action 7	Risk and disaster management	



TOURISM

Action 1	Improved attractiveness of tourism destinations in terms of thermal comfort conditions	3 measures
Action 2	Improved water & energy management and infrastructure in touristic areas	3 measures
Action 3	Altering the tourism season	4 measures
Action 4	Planning of tourist infrastructure protection works (technical specifications, needs, funding sources)	3 measures
Action 5	Estimates of climate change adaptation investment costs for tourist accommodation facilities	2 measures
Action 6	Supportive actions (administration, information, awareness raising etc.)	2 measures



THE REGIONAL ADAPTATION ACTION PLANS



Photo: www.enpe.gr



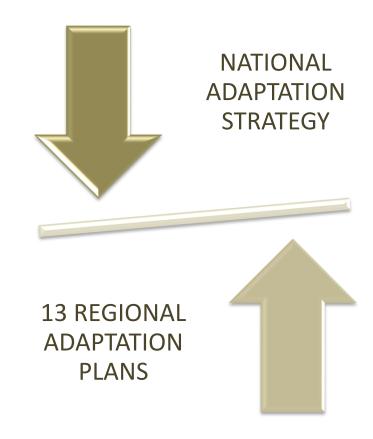
INTEGRATED REGIONAL –NATIONAL APPROACH

National Climate Change Adaptation Strategy

- Responsible: MEEN
- Guiding document
- Goals, principles & priorities
- List of potential adaptation actions per sector

13 Regional Climate Change Adaptation Plans

- Responsible: Regional Authorities
- Examination of the NAS's potential adaptation actions based on regional context
- Concrete regional action plans
- Specific actions per sector (if appropriate)
- Feedback to the NAS



REGIONAL ADAPTATION PLANS

Technical Specifications: Ministerial Decision 11258/2017 (Gov.Gazzette, issue B, 873/2017)

FUTURE CLIMATE

- Projection of climate conditions at regional level
- Trends of main parameters (short, mid, long term)
- Extreme weather events, temperature, sea-level rise

VULNERABILITY

 Vulnerability assessment of specific sectors and/or geographical areas within the Region

IMPACTS

- Environmental, social, economical etc. impacts
- Short, mid (2050) and long (2100) term impacts
- Impacts' probability, magnitude, intensity, complexity, timing, reversibility, cross-border/cross-sectoral character

ACTION PLAN

- Identification of priority sectors or geographical areas for action
- Action plan (action, time & duration, responsible authority, & other stakeholders, funding)

OTHER

- Feedback for mainstreaming adaptation into policies &plans
- Compatibility, complementarity, synergies with other RAPs
- Stakeholders engagement
- Monitoring

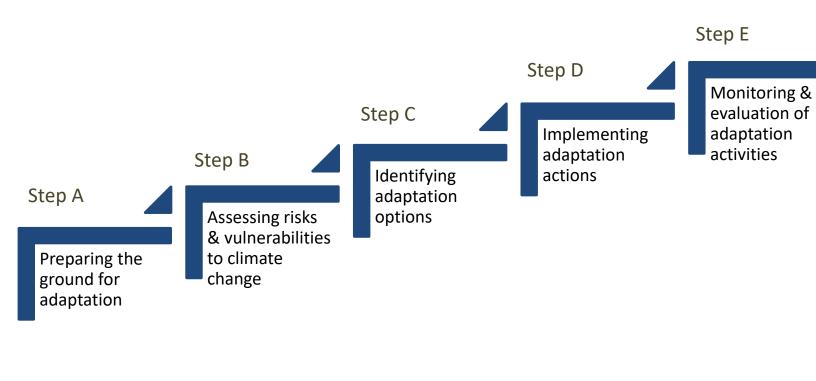


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EU ADAPTATION STRATEGY EVALUATION PREPAREDNESS SCOREBOARD





GREECE'S ADAPTATION PREPAREDNESS SCORE Step E Step D Monitoring & evaluation of Step C adaptation **Implementing** adaptation activities Step B Identifying actions adaptation Step A Assessing risks options & vulnerabilities to climate Preparing the ground for change adaptation Step A 2. Stakeholders' involvement 1. Coordination structure **IN PROGRESS** Central administration body officially Dedicated process in place to facilitate stakeholders' involvement in charge for CCA policy NO



Horizontal (sectoral) coordination

Vertical coordination mechanism

mechanism

Transboundary cooperation planned

GREECE'S ADAPTATION PREPAREDNESS SCORE

Step B

3. Current & projected climate	4. Knowledge gaps	5. Knowledge transfer
Observation systems in place Scenarios & projections used to assess CC impacts Climate risks/vulnerability sectoral assessments Transboundary risks taken into account Step C	Identify, prioritise and address the knowledge gaps	Data &info for stakeholders (e.g. dedicated website) Capacity building activities & education/training material
6. Identification of adaptation option	ons 7. Funding identified & alloc	ated YES
CCA options address identified	Available funding for vulne	IN PROGRESS erable
sectoral risks & geographical specificities	sectors & cross-cutting act	
Selection of priority CCA options based on robust methods		
Disaster risk management & climate change adaptation coordination	ate	



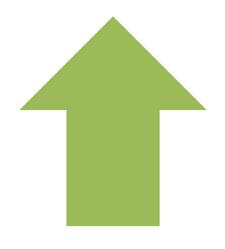
GREECE'S ADAPTATION PREPAREDNESS SCORE Step D

8. Mainstreaming CCA in planning	9. Implementing adaptation
CCA included in national	CCA policies & measures
framework for EIA	implemented (as in action plans)
CCI &projections considered in prevention strategies of DRMPs	Cooperation mechanisms to support CCA at relevant scales Procedures & guidelines to assess CCI on major projects and facilitate the choice of alternative options Processes for stakeholders' involvement in implementation
CCI considered in land use/spatial/ urban/ spatial maritime planning	
National policy instruments promote CCA at sectoral level	
CCA mainstreamed in insurance or other policy instruments	
Step E	
10 Monitoring & Reporting	11. Evaluation
NAS/NAP implementation monitored & results disseminated	A periodic review of NAS and NAP planned
CCA integration in sectoral policies monitored & results disseminated	Stakeholders are involved in NAS evaluation and review
Regional/sub-national/local action monitored & results disseminated	

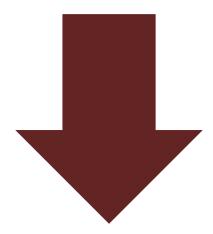


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GREECE'S ADAPTATION PREPAREDNESS



- The ground for adaptation has been prepared
- The risks and vulnerabilities to current and projected climate have been assessed
- Adaptation options have been identified taking into account risks and vulnerabilities and based on robust methods
- Implementation has started
- A periodic review of NAS/RAAPs is foreseen



- Capacity building activities & education and training material
- A website to disseminate CCA relevant data and information.
- Further mainstream adaptation in planning processes (disaster risk management, land & maritime planning etc.)
- Foster implementation (i.e. support adaptation at relevant scales, guide CCIV assessments for projects, involve stakeholders')
- Monitoring and reporting NAS/RAAPs implementation
- Improve identification, prioritisation and addressing of knowledge gaps
- Improve funding identification and allocation





AGGREGATED SCOREBOARD FOR THE 28 EU MEMBER STATES



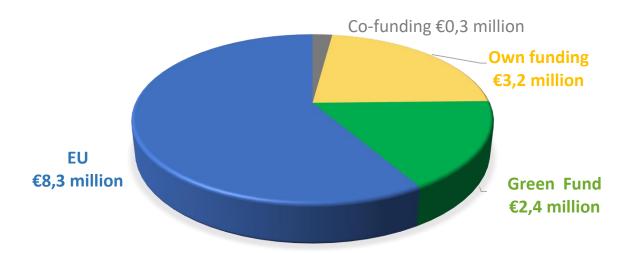
Acronym: LIFE-IP AdaptInGR

Title: Boosting the implementation of adaptation policy across Greece

Project Ref.: LIFE17 IPC/GR/000006

Duration: 01.01.2019 - 31.12.2026 (8 years)

Total Budget: €14.189.548,00 (EU contribution 58,73%)







Project objectives:

- Implement the necessary framework and infrastructure, and build the capacity for coordinating, prioritizing, monitoring and mainstreaming adaptation policy actions at national, regional and local level;
- Develop pilot CCA projects in priority sectors for 3 Regions and 5 municipalities, thus creating a 'replication pool' of on-the-ground adaptation projects;
- 3. Develop and disseminate strategies, guidelines, and best practices to transfer and replicate lessons learnt;
- 4. Build-up a knowledge base of resources to guide and support public authorities in the detailed planning and assessment of adaptation-relevant actions;
- 5. Raise awareness among public and private sector stakeholders, to promote their commitment for effective adaptation action;
- 6. Guide the current and future cycles of adaptation policy implementation, by suggesting suitable funding schemes and programmes;
- 7. Frame the next cycle of adaptation planning through an evidence-based review of the NAS and of the RAAPs, the revision of the NAS and measures to feed into the post-2020 ESIF programming period.
- 8. Coordinate and mobilise complementary funding to develop and implement remaining RAAPs and implement adaptation-relevant actions and measures at the national and regional level.







Project contribution to NAS implementation:

- Catalyse the implementation of the 1st adaptation policy cycle (NAS, RAAPs)
 - Monitor and evaluate NAS and RAAPs implementation
 - Provide replicable "good practice" examples of concrete adaptation projects to promote action in major vulnerable sectors
 - Build capacity to prioritise and implement adaptation measures
 - Strengthen adapting capacity of stakeholders and the general public through dedicated awareness raising
 - Pool and coordinate funding for adaptation implementation in post-2020 period
- ❖ Prepare the passage to the 2nd adaptation policy cycle
 - Review and revise the NAS
 - Make recommendations for the RAAPs review and revision
 - Identify adaptation priorities for post-2027 programming period



The target area: GREECE as an integrated whole:

- All 13 regions
- All population



Photo: www.enpe.gr





National Climate Change Adaptation Committee

The project consortium

National administration

- Ministry of Environment & Energy (MEEN)
- Green Fund (GRFU)
- National Center for Environment and Sustainable Development (NCESD)

Regional administration

- Union of Greek Regions (UGR)
- Region of Central Greece (Sterea Ellada) (RSE)
- Region of Western Greece (RWC)
- Region of Ionian Islands (RII)

Local administration

- Central Union of Municipalities of Greece (KEDE)
- Municipality of Katerini
- Mun. Supply &Sewage Company of Komotini
- Municipality of Larissa
- Municipality of Agii
 Anargyroi Kamatero
- Municipality of Rhodes

Academic community

- National Technical University of Athens (NTUA)
- Bank of Greece (BoG)
- Academy of Athens (AA)
- National Observatory of Athens (NOA)

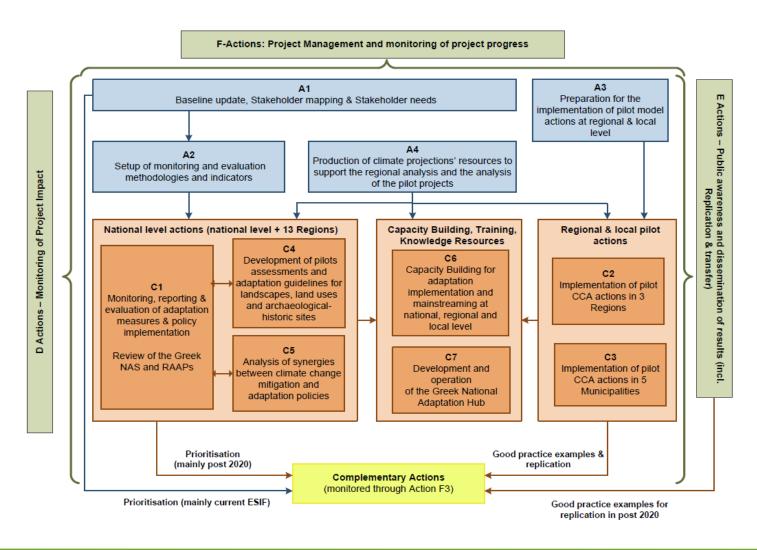
Non Governmental Organisations

- ELLINIKI ETAIRIA Society for the Environment and Cultural Heritage (ELLET)
- Mariolopoulos-Kanaginis Foundation for the Environmental Sciences (MKF)





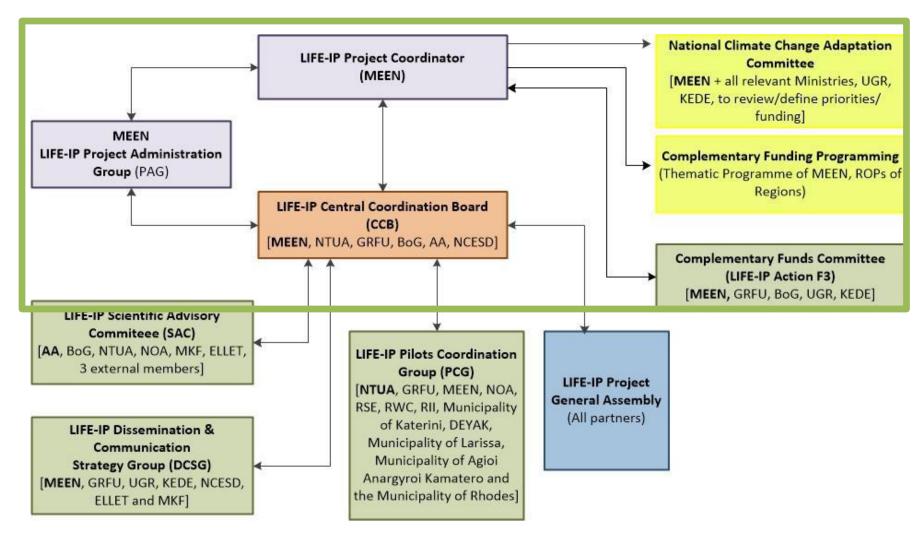
The project work plan & project actions interrelations







Coordination & mobilisation of complementary action funding





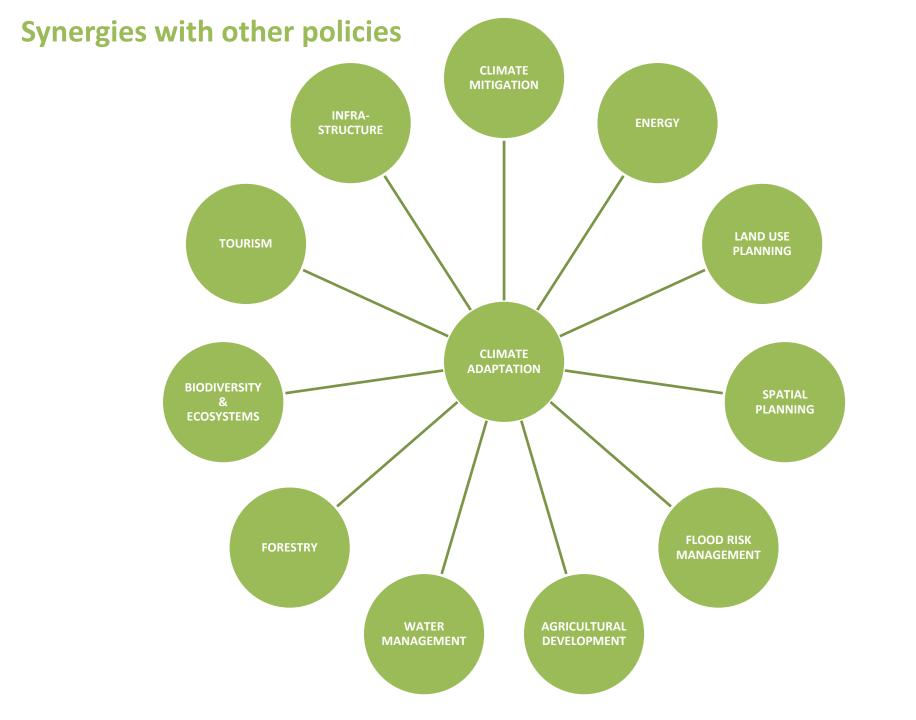


Expected results of project actions

- acceleration of the RAAPs implementation;
- implementation of streamlined monitoring & evaluation adaptation methodologies and use of common thematic indicators across Greece;
- a National Adaptation Hub for stakeholder groups and the general public;
- increased resilience to climate change of 3 Greek regions and 5 Municipalities in priority sectors that will be further upscaled through Complementary Actions;
- integration of adaptation & mitigation synergies, objectives and trade-offs within the frame of the 2050 Long-term Low Emission Strategy of Greece and the new NAS;
- pilot climate change impact assessments and guidelines for the selection of adaptation measures for landscape, land use, archaeological and historical sites;
- guidelines and best-practices for adaptation for Regions and for Municipalities,
- increased knowledge and experience-sharing on adaptation;
- enhanced public and stakeholder awareness;
- refinement and coordination of CCA funding priorities in the current and the post-2020 (new ESIF) period.
- review of the Greek NAS, revised NAS and regionally specific terms of reference for the 7-year review of the RAAPs, updating priorities for the next adaptation policy cycle.

Expected results of complementary actions

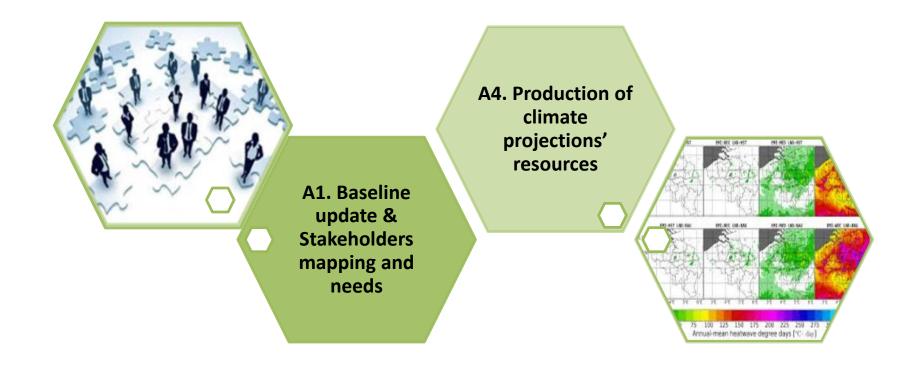
• Improvement of the climate resilience of the administrative regions of Greece, delivered through the financing of suitable adaptation measures, with priority given to the themes of pilot projects and best practices developed/identified in the LIFE-IP



The LIFE-IP AdaptInGR actions

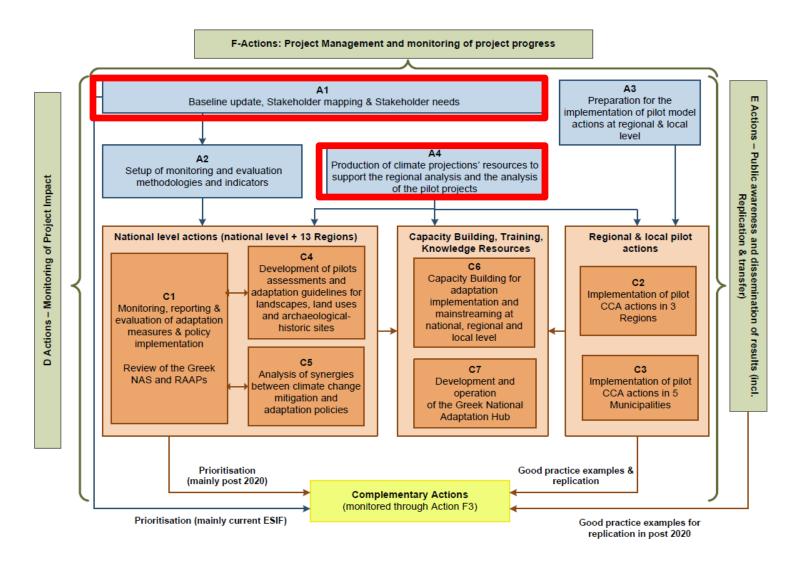


1st adaptation policy cycle: *Preparatory actions*













A1.1. Baseline update-level of implementation of NAS/RAAPs (M1-6)

Setting the baseline and the starting point for LIFE-IP AdaptInGR:

- analyse and assess current level of progress in NAS/RAAPs implementation;
- identify key adaptation (or adaptation relevant) projects across all 13 Greek
 Regions and corresponding funding streams private/public.

A1.2. Stakeholders' mapping and identification of stakeholders needs (M1-9)

Mapping of key actors involved with adaptation planning and implementation in priority sectors and vulnerable areas and the identification of their needs in terms of knowledge, funding and capacity building.

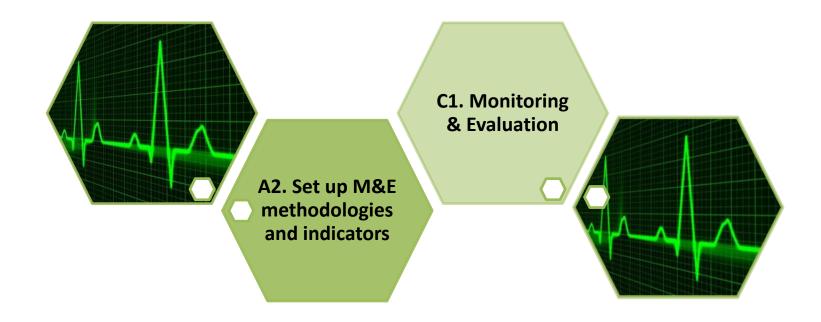
A4. Production of climate projections' resources (M1-18)

Apply state-of-the-art regional climate models to provide future climate projections and to study climate change impacts in each of the 13 Greek Regions and pilot areas under study. The main results of the action will be a geospatial database and a user manual.



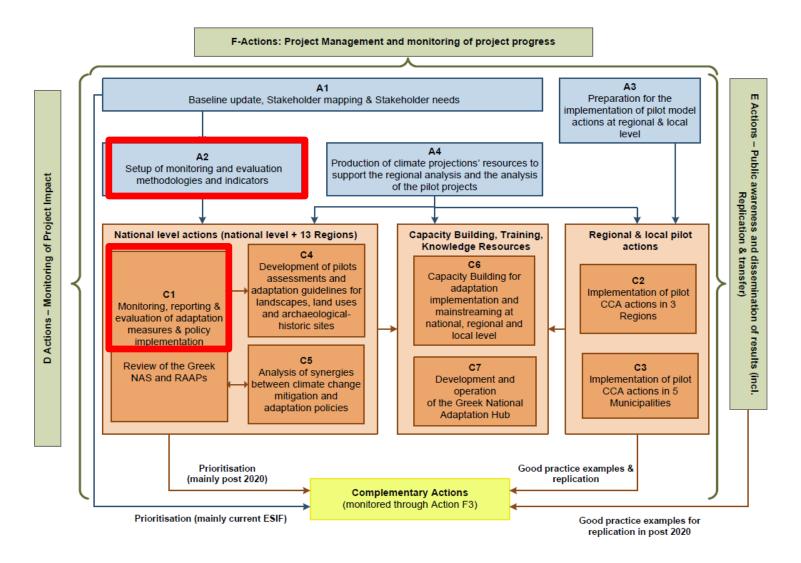


1st adaptation policy cycle Monitor and evaluate NAS and RAAPs implementation





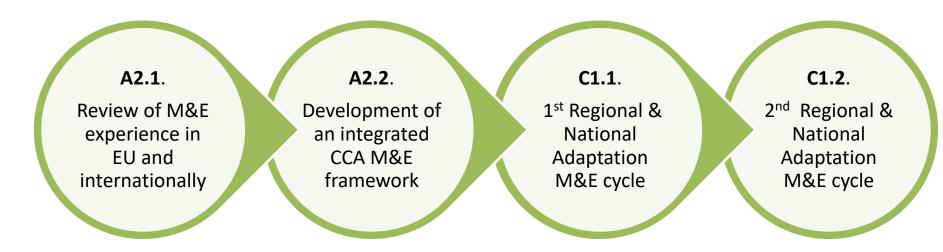








Monitoring, evaluating and prioritising adaptation







* Life * *

1st adaptation policy cycle:

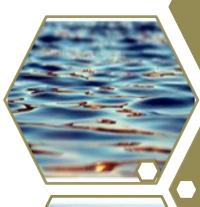
Provide replicable "good

practice" examples of concrete

adaptation projects to promote

action in major vulnerable

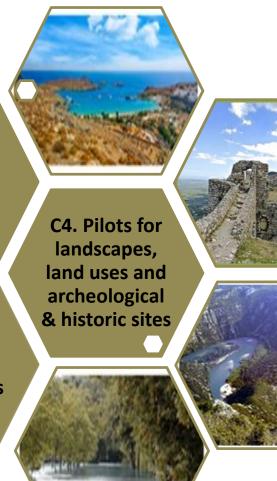
sectors



C3.Pilot CCA actions in Municipalities

C2.Pilot CCA

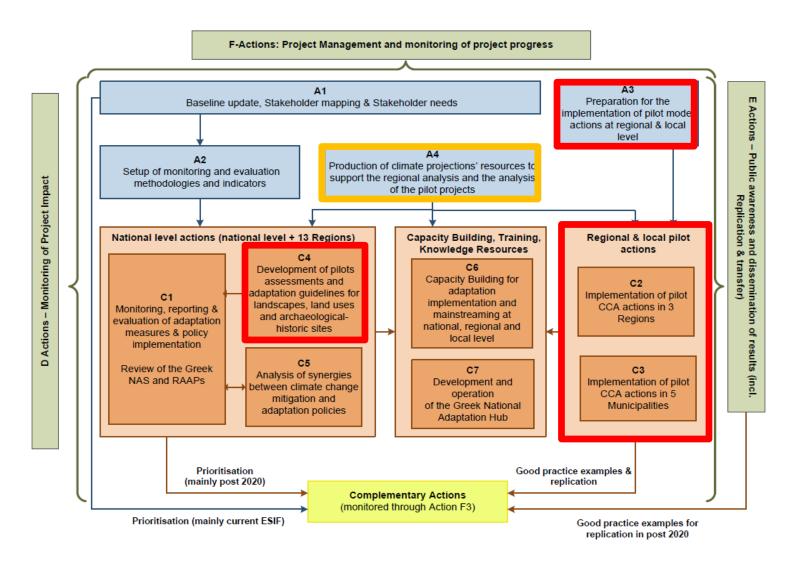
actions in Regions

















Flood risk management (3)



Coastal zone management (3)



Forest fires in drought-prone areas (1)



Sustainable water management (3)



Urban land use planning & regeneration (2)



Landscapes & land-uses (9)



Archaeological & historical sites (5)

12 pilot CCA projects &14 CCA case studiesacross 7 priority sectors

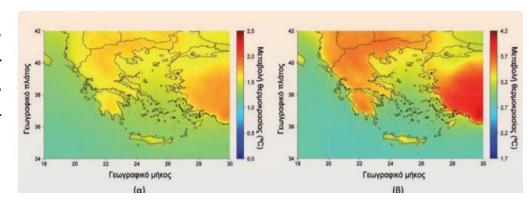




Pilot projects & case studies

Integrate climate risk consideration into project planning and development

A geospatial database with climate projections datasets, indices and maps for each of the 13 Regions of Greece (resolution of 12 km) and the 12 pilot project areas (high resolution of 1-3 km).



(Bank of Greece, 2011)

Promote green infrastructure and nature-based solutions for climate resilience





1. Delineation of Inahos river in Aitoloakarnania, (RWG)

 Tender: deployment of necessary studies (i.e. hydraulic, topographic, geological, EIA etc) for delineation of 5 km where intense flooding takes place.



2. River bed protection -Flood control in Asopos River area (RSE)

- Tender: formulate and manage the main and flooding bed of Asopos aiming at the control of the flow; raise awareness of the residents to flood risks; suggest & promote suitable land uses.
- Implementation of river bed formulation



3.Stream bed management, Amarynthos beach in Evia island (RSE)

- Tender: formulate & manage the main and flooding bed of Sarantaporos stream (Amarythos to river mount) to control the flow; raise awareness offlood risks; suggest & promote suitable land uses.
- Implementation of river bed formulation





4.Assessment, monitoring and recording of the coastal erosion using Unmanned Aerial Vehicles in the Region of the Ionian Islands

- Construction of 150 triangular points in 50 beaches, collection of aerial photographs using UAVs (two captures of images per year)
- Tender: development of specialized software



5.Coastal zone management in Kryoneri beach, Akrata (RWG)

- Tender: Develop software to monitor coastal vulnerability, assess erosion for different sea-level rise scenarios & suggest measures
- Construction of a shielding slope



6. Coastal zone management in the NW coast of Rhodes island

- Tender: procure equipment for monitoring coastal floods & erosion
- Call of interest: elaboration of coastal engineering study
- Develop a coastal risk management plan for the island of Rhodes
- Implement two pilot measures



7.Forest fire prevention in Peristeri & Geraki areas, Ilida (RWG)

 Tender: study suggesting specific measures for sustainable development and fire protection of the forest ecosystems in the area

Implementation of a fire prevention measure, construction of a fire yard office







8. Network for the collection of rainwater in Gerovouno area and its transfer to the Antonis Tritsis park (Agioi Anargyroi-Kamatero)

- Call of Interest: technical engineering study for Rainwater Drainage
- Implement selected study measures through complementary funding
- Technical study of the use of the collected rainwater in the park



9. Water resources management in the Municipal department of Aigeiros in Komotini

- Technical study for water resources management (demand and supply under different climate scenarios)
- Tender: equipment for dynamic management &monitoring of the water supply measures (1250 hydrometers)



10. Cleaning of the draining system in former Lake Xynias, (RSE)

• Tender: deepening, cleaning and enlargement of the streams in the draining system of former lake Xynias.



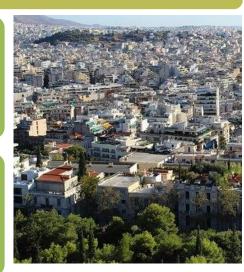
11. Urban regeneration of public spaces &creation of green spaces in Katerini

- Tender: regeneration of 16,411 m2 totalarea in the city centre and implementation of an integrated 'Internet of Things'satellite technology system for the real-time public awareness of environmental conditions
- An architectural study and a plantation study

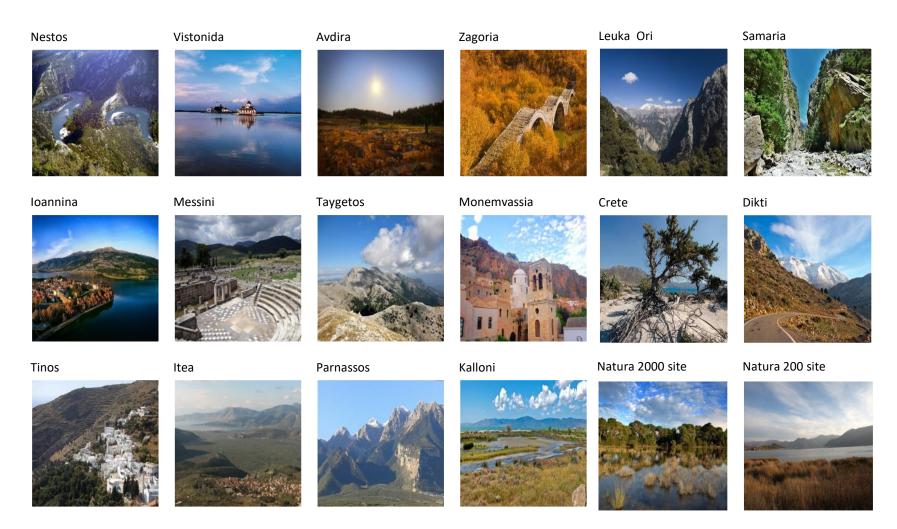


12. Retrofitting of public buildings in Larissa

 Tender: energy upgrade and green infrastructure of 2 city schools; the technical actions will combine motigation and adaptation measures



Pilot assessments & guidelines for landscapes & land uses



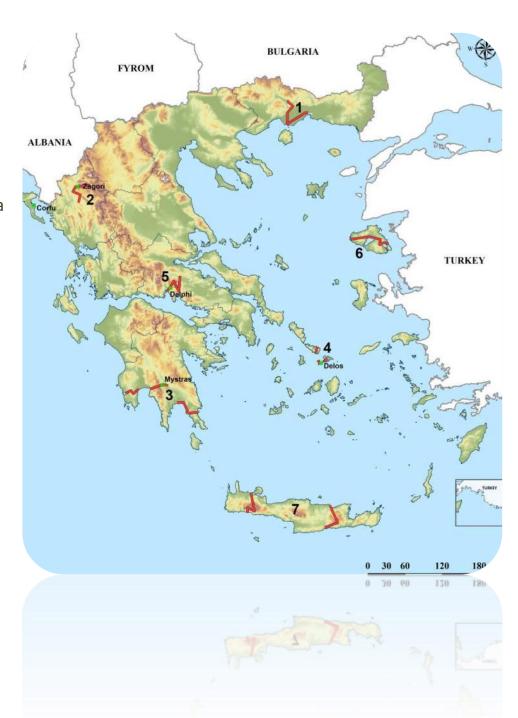




Assess whether the measures proposed in the RAAPs as unity successfully address CCI on landscapes and land uses and propose CCA measures. This will be achieved by modeling CCI and propose CCA measures for 9 areas.

Case studies:

- Nestos (Stavroupoli Keramoti) Avdira Vistonida transect (73km)
- 2. Ioannina Zagoria transect (39km)
- 3. Pylos Anc. Messini Taygetos Mystras Sparta and Elos– Monemvasia transects (104km)
- 4. Delos Rinia Tinos transect (19km)
- 5. Itea— Delphi Mt. Parnassos transect (28km)
- 6. Mitilini Kalloni Sigri ransect (52km)
- 7. Chania Lefka Ori Samaria Gorge and Chersonissos- Dikti Anapodiaris transects (85 km)
- 8. Transect within a Natura 2000 site in Decentralized Administration of Epirus and Western Macedonia
- 9. Transect within a Natura 2000 site in Reg. Attica
- Duration: M19-M96
- Guidelines for landscape adaptation
- LIFE-IP 4 NATURA: Recommendation for the two NATURA sites to fed into the revision of their management plans



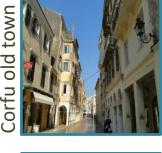
C4. Pilot assessments & guidelines for archeological & historical sites

Assess whether the measures proposed in the RAAPs successfully address CCI on archeological and historical sites and propose CCA methodologies and measures. This will be achieved by assessing CC effects on 5 sites and propose measures.

Case studies:

- 1. Archaeological site of Delphi
- 2. Archaeological site of Delos
- 3. Archaeological site of Mystras
- 4. Traditional village(s) of the Central Zagori Area
- 5. Old town of Corfu
- Duration: M19-M96
- Guidelines for archeological/ historical sites adaptation

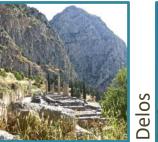


















1st adaptation policy cycle:

Build capacity to prioritise and implement adaptation measures

Strengthen adapting capacity through awareness raising



activities

C7. National Adaptation Hub



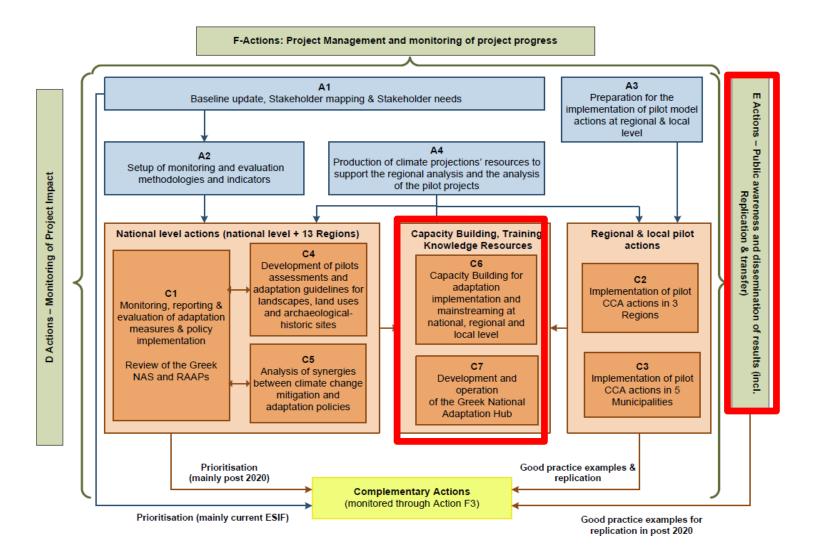
















C6. Capacity building for adaptation implementation & mainstreaming



13 regional and 2 national capacity building workshops involving national, regional and local authorities and stakeholders:

- strengthen CCA management skills of decision makers;
- improve technical skills of technical staff;
- increase knowledge of main stakeholders (as identified in A1)
- facilitate & support the actual implementation of NAS/RAAPs.

More than 500 participants.

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	
A1.2.	C.6							
Stakeholders mapping	Training needs & gaps Report	Capacity Building Strategy		7 regional workshops		6 regional workshops		2 national workshops





C7. Development & Operation of the National Adaptation Hub

A publicly accessible web-based application to:

- provide tools & resources for assisting decision makers;
- raise awareness on adaptation among the different target groups, including citizens;
- promote the sharing of good practice among adaptation stakeholders;
- provide access to the climate projections datasets, indices and maps for all the Greek
 Regions (resolution of 12 km) making the data available to all the users.

To be hosted by NCESD, which will be responsible for its maintenances and enhancement after completion of the project.



E1. Public awareness and dissemination of results

Project outreach to more than 1.000.000 people









Action Planning

- Dissemination & Communication strategy (<80p) outlining how to reach target audiences
- 2 waves of public opinion research to determine level of awareness (M2 and M44)
- 4 waves of surveys & interviews with stakeholders (more informed audience) to determine level of awareness (M3, M44, M68, M92)

Dissemination

- Website (GR/EN) 50.000 visits/year
- Social media 5.000 followers
- Newsletter (2/year)
- Press releases
- >50 Articles &media presentations
- Leaflets (3 x2.000 GR and 2 x2.000 EN)
- Posters & flyers for 13 info-days
- Banners (2 GR,2EN)
- TV spot (2min)
- 8 radio spots
- Notice boards (each partner, each pilot)
- Layman's report

Education

TEACHERS:

- Teachers' kit (USB/CD)
- 16 one-day seminars

PUPILS (7-17y)

- "Youth adapts" material
- "Youth adapts" campaign (>100 schools)
- 2 school competitions & awards
- "Keepers of the planet network"

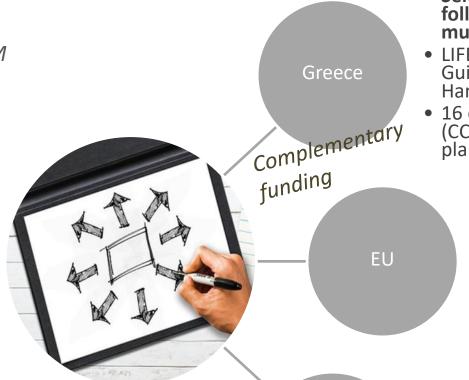
Awareness raising

- 13 reg. info-days (p.m project presentations, measures/ techniques a.m documentary film)
- 3 conferences (Athens M6, Thessaloniki M49 Athens M93)

Photos: https://pixabay.com

Project replicability & Transferability

- Pilot projects
- ➤ M&E framework
- Integrated CCA+CCM policies



- Selected project followers (4 regions, 10 municipalities)
- LIFE-IP AdaptInGR Guidelines and Handbooks (GR/EN)
- 16 expert meetings (CCA in 10 business plans)
 - Networking(other CCA authorities, other projects, events)
 - 5 EU-wide thematic workshops during international events
 - Sessions within EU events

• CY-EG-IL agreements

- Union for the Mediterranean, UNEP/MAP
- Other Med LIFE-IPs

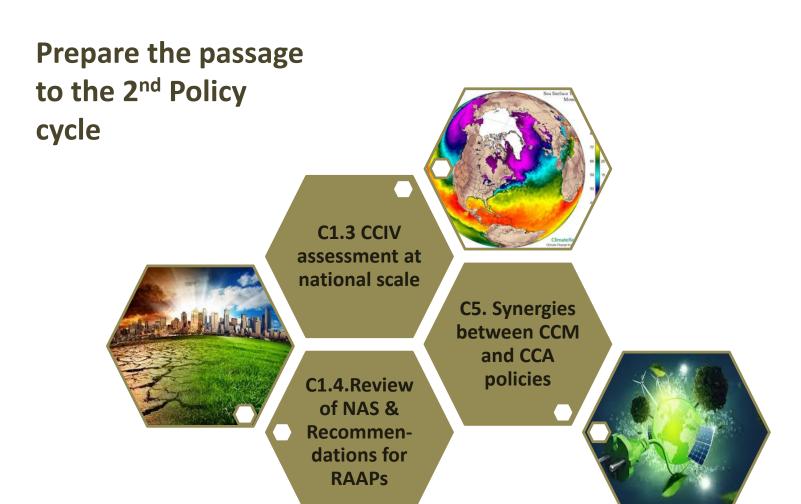




Med.

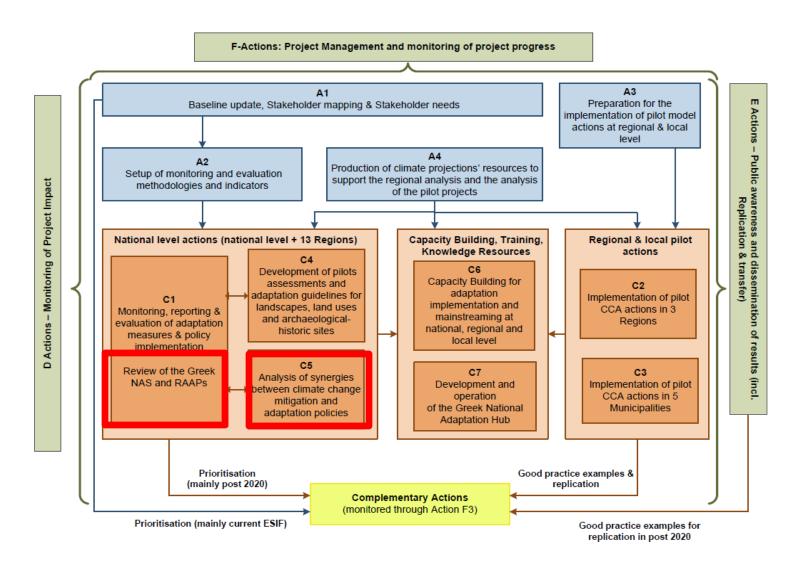
countries













C1. National CCIV assessment & Review of NAS and RAAPs



C1.1/C.1.2 M&E results

C4. Recommendations

C5. CCA & CCM Analysis

Update CCIV Assessment C1.3.



NAS & RAAPs Review C1.4.



- NAS Review report
- ToRs and Recommendations for RAAPs review

NAS & RAAPs Revision C1.4.

- Cross-cutting working groups to revise the NAS
- Formal NAS revision process & arrangements for endorsement.
- Regional authorities to initiate the RAAPs revision process





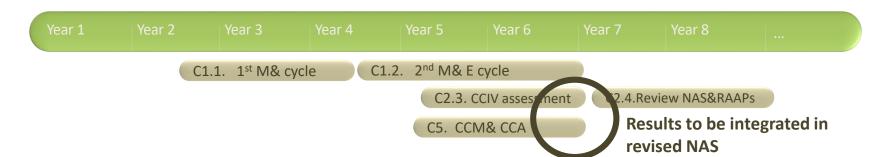




C5. Analysis of synergies between CCM & CCA policies in view of the 2050 long-term low emission strategy

Impact of national Impacts of climate & regional change on energy adaptation demand and other strategies on key such sectors, as well sectors like energy as the effectiveness supply and demand, of adaptation agriculture, waste measures on management, built mitigation goals and environment and vice versa industry

To provide an **integrated framework for the future planning of** climate-related policies in Greece, which will feed both into the review of the Greek NAS, into updates of the National Plan for Energy & Climate 2030 and the 2050 Long-term low emission strategy.



Long term sustainability of the project (After LIFE-IP)

- NAS and RAAPs: the project will prepare the passage to the 2nd policy cycle and build the capacity to implement the adaptation strategy and action plans.
- Monitoring & Evaluation: NCESD has the mandate to independently monitoring and reporting on the implementation of environmental policy in Greece (including adaptation).
- National Adaptation Hub & Capacity Building: NCESD has the mandate for enhancing the knowledge base available for competent authorities at the national, regional and local levels.
- After LIFE-Plan (M90-96): After-LIFE "Replicability and Transferability Strategy" and "Communication and Dissemination Action Plan".





Thank you for your attention!



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