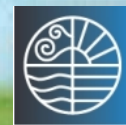


LIFE Programme: Innovative tools & Technologies for Nature, Environmental Protection and Climate Change

Spyridoula Ntemiri
Climate Change Expert
Greek LIFE Task Force – Green Fund
28 September 2017



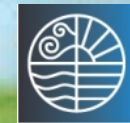
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LIFE Programme



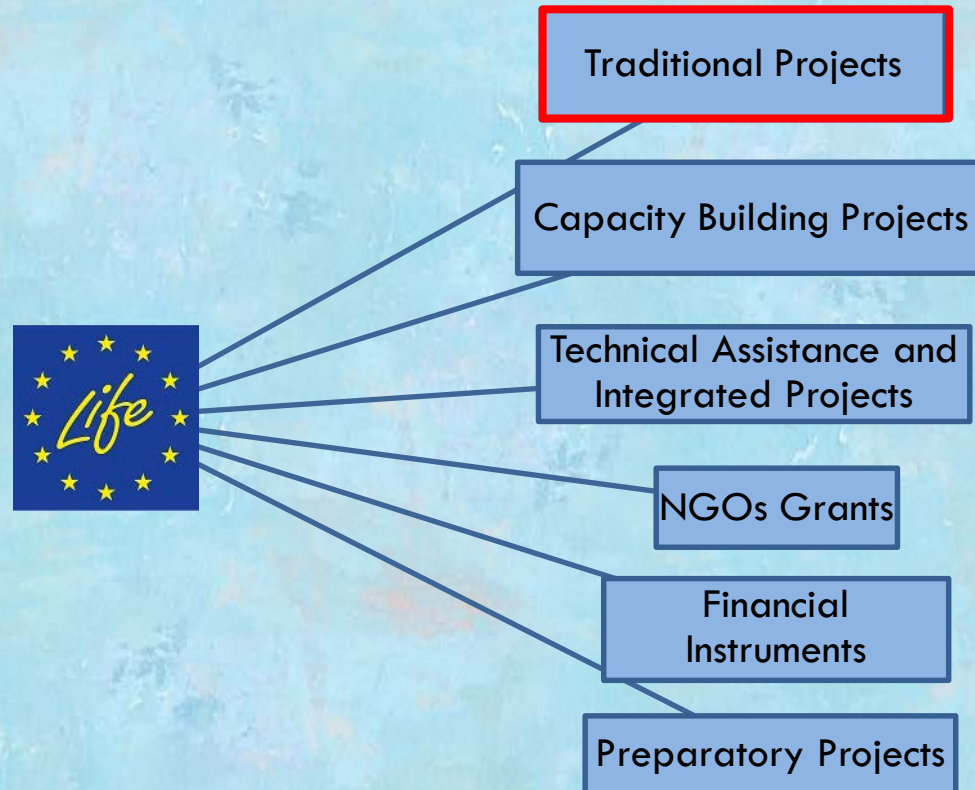
- ✓ The LIFE Programme is the **EU's funding instrument** for the **environment** and **climate action**.
- ✓ It contributes to the **implementation, updating and development** of EU environmental and climate policy and legislation by **co-financing projects**.



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What type of grants does LIFE finance?



LIFE Programme Structure 2014-2020

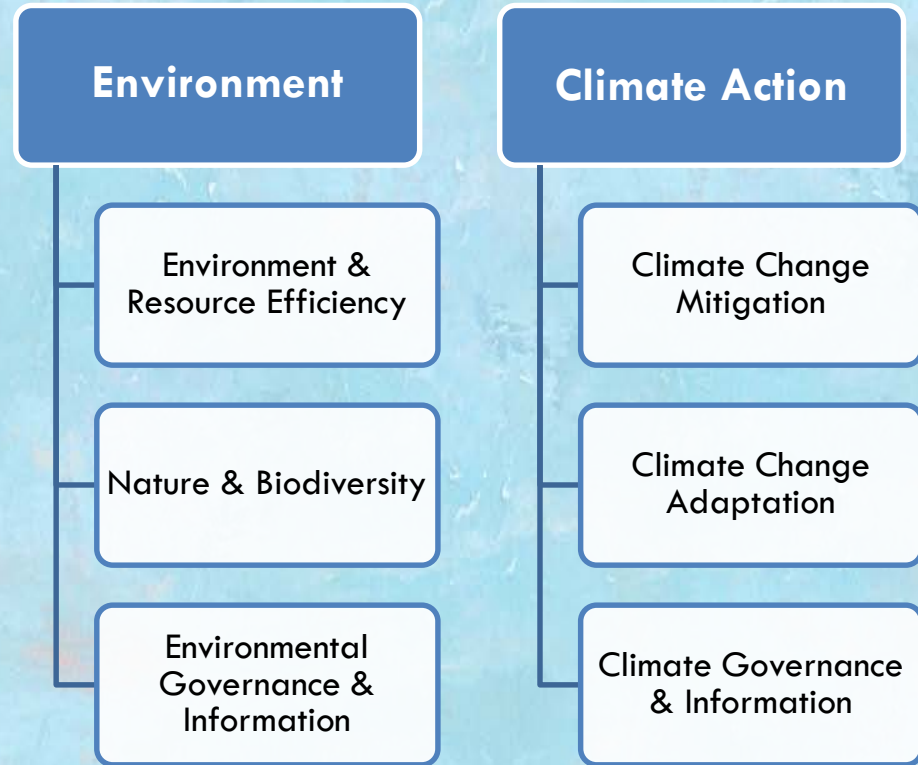
✓ € 3.456,7 million

✓ 2 Sub-programmes & 6 priority areas

✓ **Environment (75%)**

55% Nature/Biodiversity (2014-2017)

✓ **Climate Action (25%)**

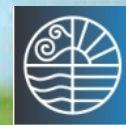


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LIFE 2014-2020 – General Objectives

- to contribute to the shift towards a **resource-efficient, low-carbon & climate-resilient economy**, to the **protection and improvement of the quality of the environment** and to **halting and reversing biodiversity loss**, including the support of the Natura 2000 network and tackling ecosystems' degradation;
- to improve the **development, implementation** and **enforcement** of Union environmental and climate policy and legislation;
- to act as a catalyst for, and promote, the **integration** and **mainstreaming** of environmental and climate objectives into other Union policies and public and private sector practices;
- to support better **environmental and climate governance** at all levels, including better involvement of civil society, NGOs and local actors;
- to support the implementation of the **7th Environment Action Programme**.

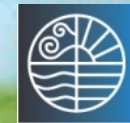


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Some general characteristics

- ❑ It does **not** focus on **research** (\neq H2020)
- ❑ It does **not** finance **large infrastructure** – no focus on agricultural and regional development issues (\neq ESI Funds)
- ❑ Highest EC contribution (2018-2020) - **55% of total eligible costs**
- ❑ Exception:
 - ❑ 1. Nature & Biodiversity: 60%
 - ❑ 2. Nature & Biodiversity projects for priority habitats or species projects of which 50% of the budget concerns conservation actions: 75%

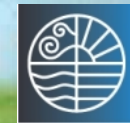


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Traditional LIFE projects

- ✓ **Public entities, NGOs, SMEs**
- ✓ Average number of beneficiaries per project: 4-5 (**financial contribution by all**)
- ✓ Possibility to implement actions/include beneficiaries in **non-EU countries** under certain conditions
- ✓ Average eligible budget: **(2 - 2,5) M€**
- ✓ **General and specific objectives & thematic priorities**
- ✓ **Types of projects** - pilot, demonstration, best practice, information
- ✓ Strong emphasis on: 1. **long-term sustainability** 2. **replicability and transferability** 3. **impact (quantified ‘impact indicators’)**

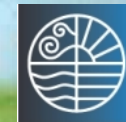


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Close To Market (C2M) projects

- ❖ Projects that **implement environmental/climate solutions in close-to-market conditions** (i.e. industrial, commercial scale) in short-medium term
- ❖ Projects that have clear **technical and business perspective**
- ❖ Projects that foresee **pre-commercial activities** and plan them during the application stage (e.g. **market analysis, business plan**, etc.)
- ❖ LIFE is a **non-stop-shop** for businesses from innovation/demonstration/upscaling to **commercialization**



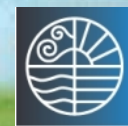
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LIFE Programme in Greece (1992-2016)

Sub-Programme	Number of projects	Percent of total	Total budget	EC contribution
ENVIRONMENT AND RESOURCE EFFICIENCY	138	57,7%	178.441.284	82.154.773
NATURE/BIODIVERSITY	70	29,3%	99.686.869	67.167.268
CLIMATE ACTION*	20	8,4%	36.531.072	18.676.236
INFORMATION AND GOVERNANCE	10	4,2%	10.305.351	5.608.388
CAPACITY BUILDING	1	0,4%	1.304.708	953.600
TOTAL	239	100%	326.269.285	174.560.265

Source: [Database of LIFE projects - European Commission](#), *interpreted by the Greek LIFE Task Force



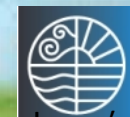
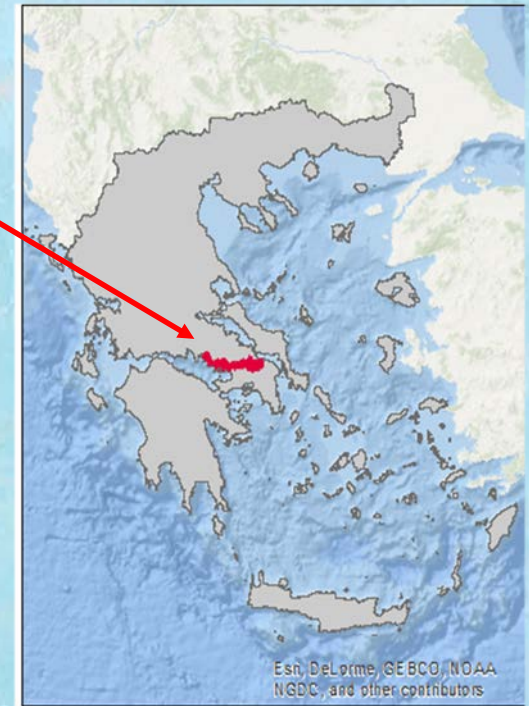
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Chromium in Asopos groundwater system: Remediation technologies and Measures

LIFE10 ENV GR 000601 – LIFE CHARM

- ❖ Study area: Asopos basin, Greece
- ❖ Budget: 2.55M€ (49.4% EC contribution)
- ❖ Duration: 01/09/11 – 31/08/15 (4 years)
- ❖ Partners: NTUA (Coordinator)
Technical University of Crete,
Region of Sterea Ellada,
Alpha Mentor,
Intergeo
PEROX Spain

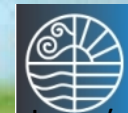


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Contribution to policy making

- ❖ Determination of Natural Background Levels (NBL) and threshold values (TVs) for chromium and hexavalent chromium for the groundwater system of Asopos – Identification of hotspots
- ❖ Development of a methodology for the determination of TVs for chromium compounds in groundwater bodies in support of the WGD 2000/60/EC and the GWD 2006/118/EC
- ❖ Development of a proposed programme of measures for the Asopos basin – partial adoption by the Region of Sterea Ellada/MEE
- ❖ Transferability of the methodology to other areas in Greece and Europe for other pollutants with similar characteristics



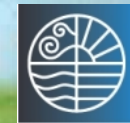
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Development of an advanced, innovative, energy autonomous system for the treatment of brine from seawater desalination plants

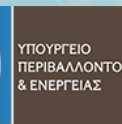
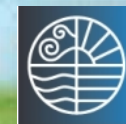
LIFE09 ENV GR 000299 SOL-BRINE

- ❖ Study area: Tinos, Greece
- ❖ Budget: 1.21M€ (50.0% EC contribution)
- ❖ Duration: 01/10/2010 – 31/12/2013 (39 months)
- ❖ Partners: Municipality of Tinos (Coordinator)
National Technical University of Athens
Culligan Hellas S.A.



Developing and implementing a new technology

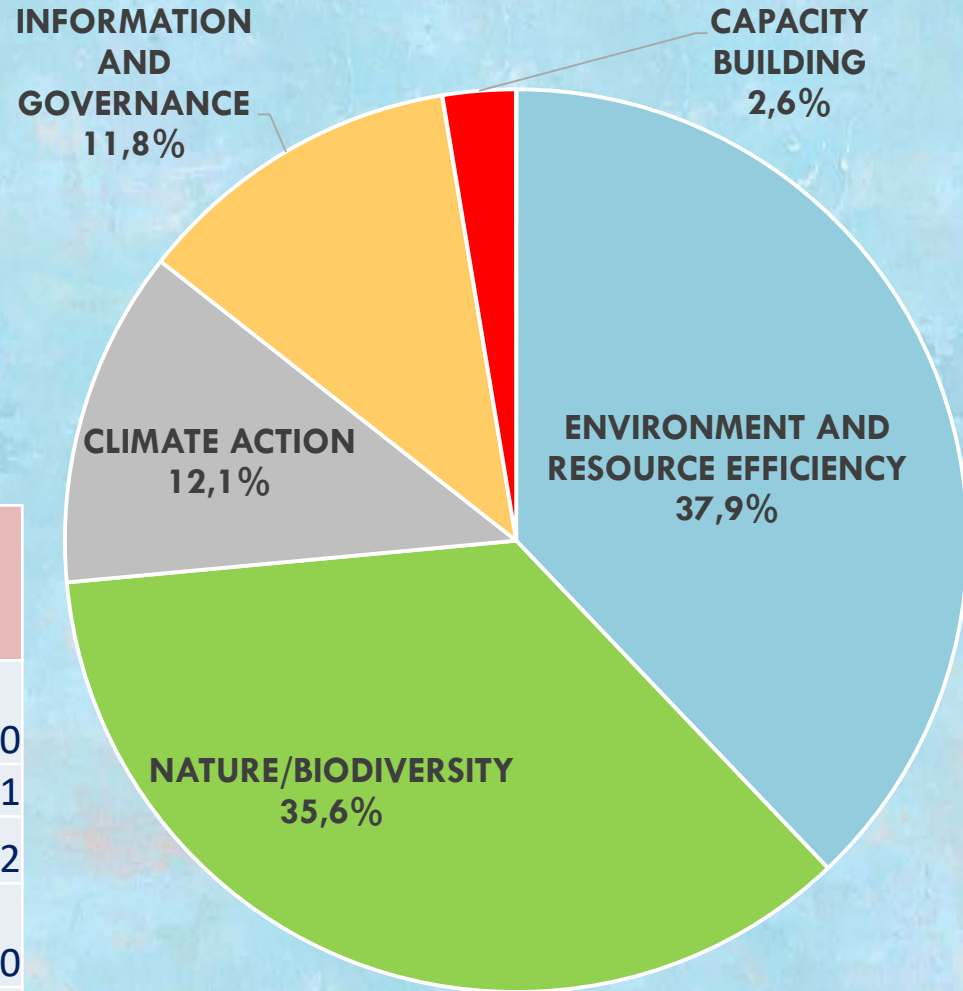
- ❖ Development of a energy autonomous system (solar energy) for the treatment of brine aiming at the elimination of its discharge in the marine ecosystem
- ❖ Production of dry salt that can be easily handled and can be commercialized
- ❖ Production of high quality water which may be further used as potable water or for irrigation purposes
- ✓ Establishment of a start-up company for commercialization of results
- ✓ H2020 large-scale demonstration project ('ZERO-BRINE' € 11 million, 21 partners)
- ✓ Awarded as (GREEN **Best LIFE Environment project of the 25 years** (GREEN AWARDS, 30th May 2017))



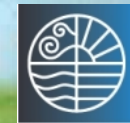
What about now?

There are **28 on-going projects** with Greek beneficiaries as a coordinator that are in progress with a total budget of **€ 49,7 million**, of which the EU's contribution is **€ 29,2 million**.

% TOTAL BUDGET OF PROJECT IN PROGRESS IN GREECE



Sub-Programme	Number of projects	Total budget
ENVIRONMENT AND RESOURCE EFFICIENCY	9	18.835.360
NATURE/BIODIVERSITY	10	17.709.261
CLIMATE ACTION	5	5.999.502
INFORMATION AND GOVERNANCE	3	5.851.730
CAPACITY BUILDING	1	1.304.708
TOTAL	28	49.700.561



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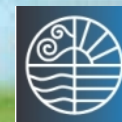


2017 Call - September

Priority Area	Proposals with Greek coordinator	Total number of proposals with Greek participating beneficiaries	Total LIFE proposals in the EU
ENV-RE	25	44	276
NAT-BIO	10	19	152
GIE	3	8	81
CCM	2	4	38
CCA	4	5	59
GIC	3	4	25

Total number in Greece: 84 proposals

Total number in EU: 631 proposals

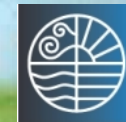


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Interested? What next?

- Get informed
 - [LIFE Regulation](#), in particular the priority areas
 - Multiannual work programme (*new one for the period 2018-2020 expected by early 2018*)
 - [LIFE website](#), in particular [LIFE project database](#)
 - New Call – April 2018
- Stay tuned
 - [Greek LIFE Task Force website](#)



Contact Us

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Environmental Communication: kkoligiorga@prasinotameio.gr

Greek LIFE Task Force:

Site: www.lifetaskforce.gr

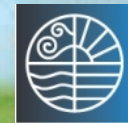
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Thank you for your attention!



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