

Athens Seminar
April 4th, 2024



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DE VALÈNCIA

GENERA OVERVIEW

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ENERA PROJECT

Re-vitalising Energy Transition in Touristic Islands

LIFE-2021-CET-LOCAL: "Technical support to clean energy transition plans and strategies in municipalities and regions "



GENERA OBJECTIVE



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GENERA´ s goal is twofold:

➤ First, to **establish a framework of energy transition measures** for the **implementation of energy transition agendas** in tourist **municipalities**, assisting them along the whole path from agenda creation to measures implementation and citizen engagement, **in accordance with the EU Island Clean Energy Transition Agendas** and the **Covenant of Mayors**.

➤ And, second, to **promote the implementation of energy monitoring measures** to **quantify the process evolution**.





PRINCIPLES

1

Create an **ecosystem** including **all energy transition actors** to **design and implement the energy roadmaps** at the **local level**.

Definition of a **replicability methodology and sustainability guidelines**.

2

Provide **ET actors with a multi-criteria energy monitoring tools**, tailored to the needs of the islands, to **facilitate decision making process in the islands**.

3

Provide **large-scale capacity building programmes** adapted to each actor's requirements.

4

Involve **local societies, permanent and seasonal inhabitants, and tourists** through both a **digital social platform and physical events**. A **new generation of energy-sensitive citizens** as part of the **energy transition mission**



GENERA RESULTS



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Identification of the
existing monitoring
tools



Energy context



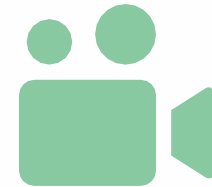
Energy transition
awareness



Genera
Community



Financial
mechanisms



Production and
broadcasting



Island typology
and best
practices



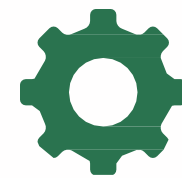
Stakeholders'
engagement



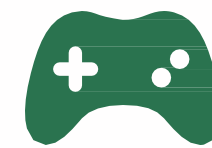
Digital Social
Platform



MOOCs



Energy
Transition Tools



Social Game



Roadmaps



GENERA
Community

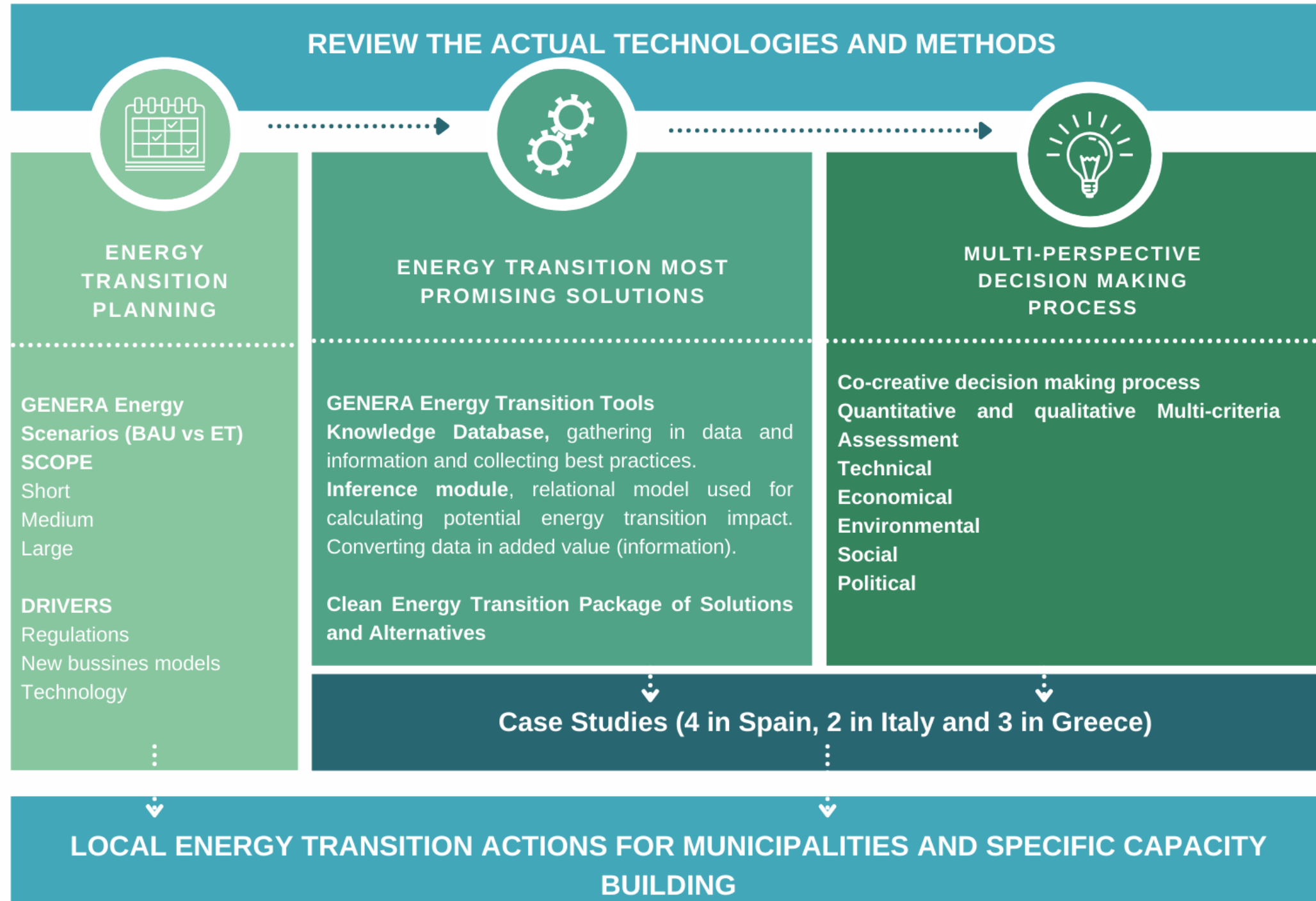




GENERA TOOLS – SECAPs Tool



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1. **Energy Context**

2. **Assessment of Local Energy Transition Strategies**

3. **Governance**

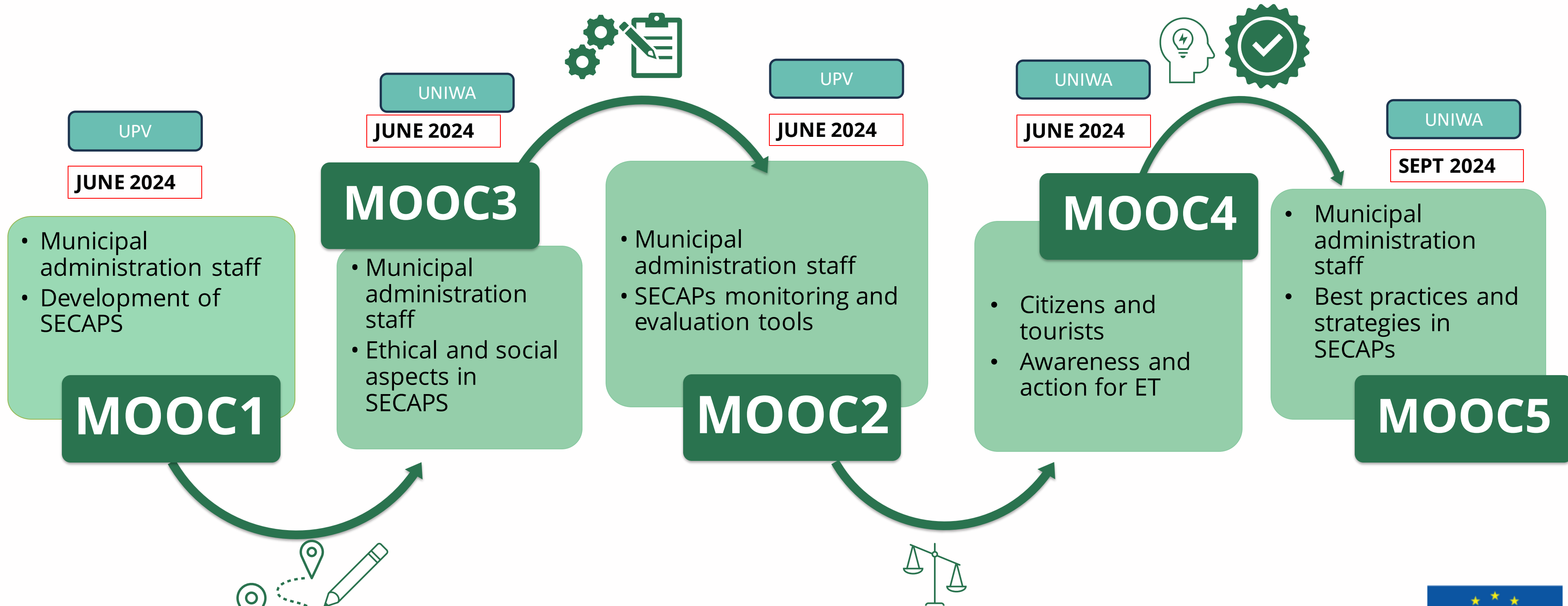




GENERA TOOLS – MOOCs



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GENERA TOOLS – Roadmaps



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PLACE	Island of TENERIFE	Country Spain Region Canary Islands Island name Tenerife Island's cities n. 31	
	Island Area 2.034 km²	Island Density 515 ab./km²	
Climatic classification Zone 1 2 3 4 5 6 Tenerife exhibits a subtropical climate, characterized by distinct climatic zones due to its varied topography. The coastal regions enjoy mild winters and warm summers, with temperatures ranging from 15°C to 28°C in winter and 24°C to 30°C in summer. In contrast, the mountainous interior experiences cooler conditions, with temperatures decreasing with altitude. Tenerife's climate is marked by trade winds, which influence its weather patterns, and it has relatively low precipitation levels, particularly in the summer months.			
Touristic seasons High Medium Low JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			
PEOPLE	Population Permanent 1.048.306	Population by gender 49%	Population by age
	Nationalities 85,8% Spanish / 14,2% foreign	Languages spoken Spanish	Others: English, German, Russian,
Household profile 35% 27% 38%			
Seasonal xxxxx00 /year			
Tourist xxxxx			
Nationalities -- %			
Languages spoken --			

PLACE	Island of IBIZA	Country Spain Region Balearic Islands Island name Ibiza Island's cities n. 5	
	Island Area 571,6 km²	Island Density 262 ab./km²	
Climatic classification Zone 1 2 3 4 5 6 Ibiza experiences its coldest and most budget-friendly months during the low season, particularly in January when temperatures drop to 8°. Just before and after summer, the island maintains pleasant temperatures around 20°, offering quieter and more affordable travel options. Summer is hot and crowded, with temperatures peaking over 30° in August. June and September are milder but still warm. Regarding rainfall, November is the wettest month, averaging 75 days (1 millimeter of precipitation), while July is the driest (0,9 wet days).			
Touristic seasons High Medium Low JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			
PEOPLE	Population Permanent 150.004	Population by gender 49%	Population by age
	Nationalities 21 different	Languages spoken Spanish, Catalan	Others: English, German, French, Italian and Arabic
Household profile 31% 18% 26% 24%			
Seasonal 195.256 /year			
Tourist 2.812.095 /year			
Nationalities -- %			
Languages spoken --			

PLACE	City of STINTINO	Country Italy Region Sardegna Island name Sardegna Island's cities n. 377	
	Island Area 24.090 km²	Island Density 65,13 ab./km²	City Density 26,24 ab./km²
Climatic classification Zone 1 2 3 4 5 6 Stintino boasts a Mediterranean climate marked by distinct seasonal variations. Summers in Stintino are characterized by warm and conditions with temperatures ranging from 25°C to 35°C. In contrast, winters are mild and relatively damp, with temperatures ranging from 10°C to 15°C. Spring and autumn offer temperate, moderate climates.			
Touristic seasons High Medium Low JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			
PEOPLE	Population Permanent 1.606	Population by gender 49%	Population by age
	Nationalities % xxx - % xxx	Languages spoken italian / --	
Household profile 41,2% 22,8% 35,8%			
Seasonal 214.600 /year			
Tourist xxxxx			
Nationalities -- %			
Languages spoken --			

PLACE	Island of RHODES	Country Greece Region South Aegean Island name Rhodes Island's cities n. 43	
	Island Area 1.401 km²	Island Density 82 ab./km²	
Climatic classification Zone 1 2 3 4 5 6 Mediterranean climate characterized by distinct seasons. Winters are generally mild, with temperatures hovering around 10-15°C. While occasional cold snaps occur, freezing temperatures are rare. Rainfall is common. Spring is a picturesque season, marked by warming temperatures of 15-20°C. Although less rainy than winter, occasional showers can still be expected. Summers are characterized by hot, sunny weather, with average temperatures ranging from 25 to 30°C. Autumn offers a pleasant, sunny climate with average temperatures between 20 to 25°C.			
Touristic seasons High Medium Low JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			
PEOPLE	Population Permanent 115.500	Population by gender --%	Population by age
	Nationalities Greek (98,7%) - Others (Turkish, Albanian, British, Russian, German)	Languages spoken greek / english / turkish	
Household profile 28,6% 7,4% 29,2% 34,8%			
Seasonal 313.740 /year			
Tourist 2.574.547 /year			
Nationalities Greek (90.1%) Albanian (4.1%) Bulgarian (1.8%) Romanian (1.2%) Other (3%)			
Languages spoken English German French Italian Spanish Russian Dutch Swedish Norwegian Finnish Danish Polish			

PLACE	Island of CHALKI	Country Greece Region South Aegean Island name Tenerife Island's cities n. 1	
	Island Area 28 km²	Island Density 17 ab./km²	
Climatic classification Zone 1 2 3 4 5 6 The climate of Chalkis is characterized as semi-arid Mediterranean with mild winters, while according to the classification of UNESCO-FAO as intense thermo-Mediterranean with a number of biologically dry days of 125-150. It has an average air temperature of around 19°C. The annual rainfall varies between 400-450 mm, it mainly falls in the winter season (Nov-Apr), while the summer season is long, hot and dry. The other characteristic of its climate is the strong northerly winds, known as "annuals".			
Touristic seasons High Medium Low JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			
PEOPLE	Population Permanent 478	Population by gender --%	Population by age
	Nationalities % xxx - % xxx	Languages spoken greek / xxx / xxxxx	
Household profile --% --% --% --%			
Seasonal 500/year			
Tourist 120 day visitors			
Nationalities -- %			
Languages spoken --			

Island's DNA





GENERA TOOLS – Digital Social Platform



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Genera Digital Social Platform



 MOOCs

 Rewarding Tool

 Social Game

 Content Exchange Point

 Forum

 Surveys

ATHENS
4 April, 2014





GENERA TOOLS – Social Game



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PARTNERSHIP



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SHORT NAME	PARTNER NAME	COUNTRY
UPV	UNIVERSITAT POLITÈCNICA DE VALÈNCIA	SPAIN 
Global	GLOBAL COMUNICACION	SPAIN 
UNIWA	UNIVERSITY OF WEST ATTICA	GREECE 
Stintino	MUNICIPALITY OF STINTINO	ITALY 
ITER, SA	INSTITUTO TECNOLÓGICO DE ENERGÍAS RENOVABLES	SPAIN 
READ S.A.	DEVELOPMENT AGENCY OF SOUTH AEGEAN REGION	GREECE 
USE	USE EFFICIENCY ASSOCIATION	ITALY 
MAGGIOLI	MAGGOLI SPA	ITALY 





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CITIZENS ACTIVITY

Understanding the
knowledge and awareness
about **energy transition** on
citizens





SURVEY



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ABOUT

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SURVEY



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Citizens

ENGLISH VERSION

ITALIAN VERSION

SPANISH VERSION

GREEK VERSION

Public Authorities

ENGLISH VERSION

ITALIAN VERSION

SPANISH VERSION

GREEK VERSION





PARTNERS





Thank you!

