

ClimACT – Acting for the transition to a low carbon economy in schools – development of support tools

Kick-off Meeting

Overview of the project

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7th September 2016
Campus Tecnológico e Nuclear



1. Objective of the ClimACT project
2. Interreg Sudoe Program
3. Beneficiaries
4. Advisory Board
5. ClimACT project structure
6. Timeline
7. Products and Deliverables
8. Deadlines

ClimACT project aims to support the transition to a low carbon economy in schools and has four main lines of action:

1. Development of a decision support tool that will assess and identify sustainable solutions for schools, based on intelligent resource management, renewable energy and behavior change;
2. Development of business models and new management strategies for schools;
3. Development of educational tools to raise awareness in low-carbon, assisted by information and communication technologies;
4. Creation of a thematic network in the SUDOE region, driven by a Living Lab methodology, which will raise awareness and training and will foster a communication framework between end-users and stakeholders.



Promote the transnational cooperation to solve common problems from the Southwest Europe region.



Research and innovation



Competitiveness of SMEs



Combating climate change



Low-carbon economy



Environment and resource efficiency

Promote the transnational cooperation to solve common problems from the Southwest Europe region.

ClimACT Project

Total budget: 1,374,000 Euros

FEDER funding: 993,000 Euros (Co-financing rate: 72%)

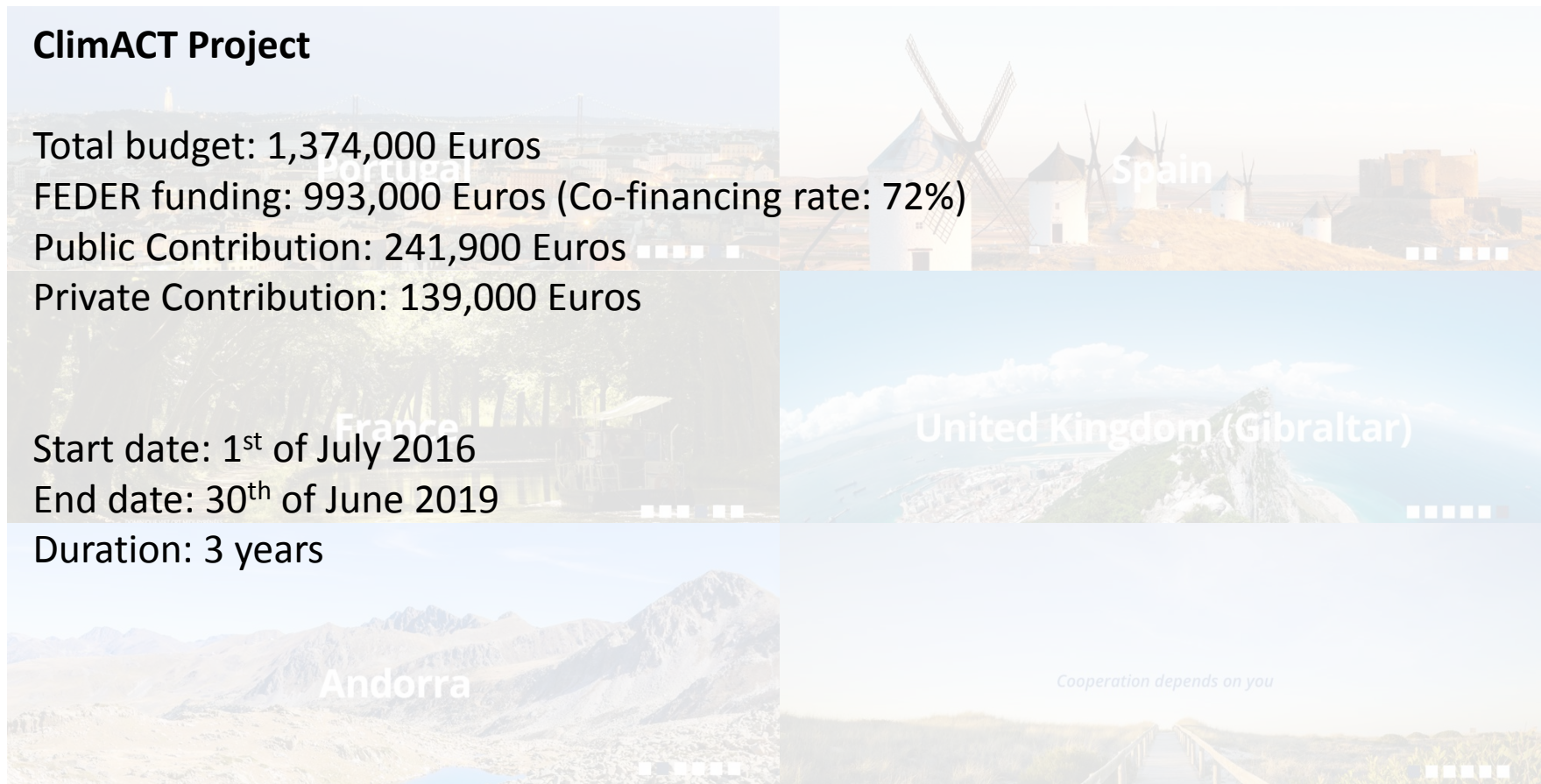
Public Contribution: 241,900 Euros

Private Contribution: 139,000 Euros

Start date: 1st of July 2016

End date: 30th of June 2019

Duration: 3 years



Research and innovation



Competitiveness of SMEs



Combating climate change



Low-carbon economy



Environment and resource efficiency

Team - Beneficiaries

	Instituto Superior Técnico, Portugal
	Instituto de Soldadura e Qualidade, Portugal
	Edigreen, Portugal
	Associação Bandeira Azul da Europa, Portugal
	Centro de Investigaciones Energéticas Medioambientales y Tecnológicas, Spain
	Universidad de Sevilla, Spain
	Université de La Rochelle, France
	Ville de La Rochelle, France
	University of Gibraltar, United Kingdom

Team – Advisory Board



ClimACT Structure

WP 0: Project preparation

WP1: Development of a thematic networking in SUDOE

- | | |
|---|---------------------------------|
| Task 1.1 Development of a Web Portal | Task 1.2 Focus Group Discussion |
| Task 1.3 Networking with other projects | Task 1.4 ClimACT Academy |
| Task 1.5 ClimACT Resource-matching platform | |

WP3: Implementation of a methodology conducting to a low carbon economy in 35 pilot schools

Task 3.1 Commitment to a policy conducting to a LCE in schools

Task 3.2 Assess baseline in energy, environment and CO₂ emissions performance, audits and benchmarking

Task 3.3 Definition of targets and development of action plans

Task 3.4: Implement of the action plans

Task 3.5: Progress Evaluation

WP2: Development of tools to support the transition to a low-carbon economy in schools

- Task 2.1 Development of the ClimACT decision support tool
- Task 2.2 Database Module
 - Task 2.3: KPI Generator Module
 - Task 2.4: Building Scenario Module
 - Task 2.5: Life Cycle Assessment Module
 - Task 2.6: Cost Benefit Assessment Module
- Task 2.7: Development of new business models and management strategies
- Task 2.8: Development of the ClimACT Educational Platform for Active Learning
- Task 2.9: E-Learning Module for teachers on Sustainable Development
 - Task 2.10: Classroom Training Module
 - Task 2.11: Gamification Module

Transversal WP1: Project Management

Transversal WP2: Project Communication/Dissemination

Transversal WP3: Project Monitoring and Evaluation

WP 0: Project preparation

WP1: Development of a thematic networking in SUDOE

WP3: Implementation of a methodology conducting to a low carbon economy in 35 pilot schools

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Inputs from Stakeholders

Products for Stakeholders

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Development of tools

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Test tools

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Networking

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Transversal WP1: Project Management

Transversal WP2: Project Communication/Dissemination **Communication**

Transversal WP3: Project Monitoring and Evaluation

Session II: Project goals, structure and timeline

ClimACT Project Work Packages:

WP1: Development of a thematic networking in SUDOE

ISQ

Products	Date
1.1. ClimACT Gateway	10.2016
1.2. Network of stakeholders, end-users and other project teams	10.2016
1.4. ClimACT Academy Infrastructure	01.2017
1.5. Training course on the ClimACT decision support tool operation	06.2017
1.6. Seminar on business models for ESCO	09.2017
1.7. E-Learning course on Sustainable Development	04.2017
1.8. Training course on the ClimACT educational tools operation	06.2017
1.9. Awareness campaigns with presentation of ClimACT gamification approaches	10.2017
1.10. Awareness-raising campaigns for parents	06.2018
1.11. ClimACT Resource-Matching Platform	06.2017

Lead	TASK	Deliverable	Date
IST	1.1 Development of a Web Portal	E 1.1.1: ClimACT GATEWAY	M4 - 31/10/2016
UniGib	1.2 Focus group discussion	E 1.2.1: REPORTS OF MEETINGS WITH STAKEHOLDERS AND FOCUS GROUP DISCUSSIONS	M35 - 31/05/2019
UniGib	1.3 Networking with other projects and platforms	E 1.3.1 INVENTORY OF THE RESULTS OF OTHER PROJECTS AND PLATFORMS	M3 - 30/09/2016
		E 1.3.2 REPORT OF THE NETWORKING ACTIVITIES	M35 - 31/05/2019
IST	1.4 ClimACT Academy	E 1.4.1 CLIMACT ACADEMY DIGITAL DOSSIER	M34 - 30/04/2019
ISQ	1.5 ClimACT Resource-Matching Platform	E 1.5.1 ClimACT FINANCING PLATFORM	M12 - 30/06/2017

Session II: Project goals, structure and timeline

ClimACT Project Work Packages:

WP2: Development of tools to support the transition to a low-carbon economy in schools

Edigreen

Products	Date	Lead	TASK	Deliverable	Date
2.1. ClimACT decision support tool	04.2019	EDIGREEN	2.1 Development of the ClimACT Decision Support Tool	2.1.1 DOCUMENT WITH THE STRUCTURE OF THE OPERATIONAL PLATFORM OF THE CLIMACT DECISION SUPPORT TOOL	M3 - 30/09/2016
				2.1.2 CLIMACT DECISION SUPPORT TOOL v1.	M11 - 31/05/2017
				2.1.3 MANUAL FOR THE CLIMACT DECISION SUPPORT TOOL USAGE	M11 - 31/05/2017
2.2. ClimACT benchmarking Platform for the educational sector	07.2017	EDIGREEN	2.2 Database Module	2.2.1 DATABASE MODULE	M6 - 1/12/2016
				2.2.2 AVAILABLE, ACCESSIBLE, COMPARABLE AND INTEROPERABLE DATABASE	M34 - 30/04/2019
2.3. Methodology for cost benefit analysis	12.2017	EDIGREEN	2.3 KPI Generator Module	2.3.1 KEY PERFORMANCE INDICATORS	M5 - 31/05/2017
				2.3.2 KPI GENERATOR MODULE	M8 - 28/02/2017
2.4. Energy Performance Contracts business models	06.2017	EDIGREEN	2.4 Building Scenario Module	2.4.1 BUILDING SCENARIO MODULE	M9 - 31/03/2017
				CIEMAT	2.5 Life Cycle Assessment Module
2.5. ClimACT Educational Platform for Active Learning	07.2017	CIEMAT	2.6 Cost Benefit Assessment Module	2.6.1 COST BENEFIT ASSESSMENT MODULE	M10 - 30/04/2017
				ISQ	2.7 Development of new business models and managements strategies for schools
		2.7.2 DOCUMENT WITH RECOMMENDATIONS FOR GOVERNMENTS FOR THE ADOPTION OF EPC BY THE SCHOLAR SECTOR	M12 - 30/06/2017		
2.6. Strategy to include the ClimACT LCE contents and activities in the curricula	07.2017	ABAE	2.8 Development of the ClimACT Educational Platform for Active Learning	2.8.1 GUIDELINES FOR IMPLEMENTING LEARNING ACTIVITIES	M4 - 1/10/2016
				ABAE	2.9 E-learning Module for teachers on Sustainable Development
ABAE	2.10 Classroom Training Module	2.10.1 TEACHING MATERIAL FOR TEACHERS	M11 - 1/05/2017		
				2.10.2 TEACHING MATERIAL FOR STUDENTS	M11 - 1/05/2017
2.11 Gamification Module		ABAE		2.11.1 ELECTRONIC SERIOUS GAMES	M11 - 31/05/2017
				2.11.2 MISSIONS OF THE PHYSICAL GAMES	M11 - 31/05/2017

Session II: Project goals, structure and timeline

ClimACT Project Work Packages:

WP3: Implementation of a methodology conducting to a low carbon economy in 35 pilot schools

USE

Products	Date	Lead	TASK	Deliverable	Date
		ABAE	3.1 Commitment to a policy conducting to a Low Carbon Economy in schools	3.2.1 LCE COMMITTEE MEMBERS, WORK PLAN AND ECO-CODES	M6 - 31/12/2016
		IST	3.2 Assessment baseline in energy, environment and CO2 emissions performance, audits and benchmarking	3.2.1 GUIDELINES OF STANDARD METHODOLOGIES TO CONDUCT ENERGY AND ENVIRONMENT AUDITS IN SCHOOLS	M7 - 31/01/2017
				3.2.2 REPORT ON BASELINE ENERGY AND ENVIRONMENT PERFORMANCE	M12 - 30/06/2017
3.1. Implementation of a methodology aiming a low-carbon economy in 35 pilot schools	03.2019	USE	3.3 Definition of targets and development of action plans	3.3.1 SHORT AND LONG TERM TARGETS	M18 - 31/12/2017
3.2. Methodology to implement a low-carbon economy in schools	04.2019			3.3.2 BEST AVAILABLE ACTIONS AND SMART CONTROL STRATEGIES	M18 - 31/12/2017
3.3. ClimACT tools validated	04.2019	USE	3.4 Implementation of action plans	3.4.1 REPORT OF THE IMPLEMENTATION OF ACTION PLANS	M26 - 31/08/2018
3.4. Strategic Action Plans conducting to a LCE in SUDOE schools	04.2019	USE	3.5 Progress evaluation	3.5.1 REPORT OF THE EVALUATION OF THE LCE STRATEGIES IMPLEMENTATION	M33 - 31/03/2019

Deadlines

	Year	Month	Activity	WP1	WP2	WP3	WP Management	Communication	Monitorização	Status	
M2	2016	31 August	Monitoring protocol						ET3.1.1	50%	IST
M2	2016	31 August	Poster with the information about the project (minimum size A3)					ET2.4.1		0%	All
M2	2016	31 August	Quality Assurance Plan						ET3.3.1	50%	IST
M3	2016	12 September	Inputs from partners to the ClimACT Gateway modules	A1.1						0%	All
M3	2016	September	Graphical Identity					T2.1		0%	IST
M3	2016	30 September	Logo					ET2.1.1		0%	IST
M3	2016	30 September	Website					ET2.2.1		0%	IST
M3	2016	September	Branding elements					T2.1		0%	IST
M3	2016	September	Facebook Page, LinkedIn group, instagram and twitter					T2.5		0%	IST
M3	2016	September	Dissemination and Communication Plan					T2.6		50%	IST
M3	2016	September	Monitoring report from WP leaders, communication and financial managers and PC						T3.2	0%	IST
M3	2016	September	Meetings with stakeholders in Lisbon, Seville, La Rochelle, Madrid and Gibraltar	A1.2						0%	UniGib
M3	2016	September	Database with relevant projects and platforms	A1.3						0%	UniGib
M3	2016	September	Inventory of the results of other projects and platforms	E1.3.1						0%	UniGib
M3	2016	30 September	Document with the structure of the OP of the ClimACT Decision Support Tool		E2.1.1					0%	Edigreen
M4	2016	15 October	Preparation of questionnaires for Pre-audit			A3.2				0%	ISQ, IST, ULR
M4	2016	31 October	ClimACT Gateway	P1.1, E1.1.1						0%	IST
M4	2016	October	Network of stakeholders, end-users and other project teams	P1.2						0%	UniGib
M4	2016	October	Contact other projects and platforms	A1.3						0%	UniGib
M4	2016	October	ClimACT Open Forum and Networking online	A1.1						0%	UniGib/IST
M4	2016	31 October	Guidelines for implementing learning activities		E2.8.1					0%	ABAE
M4	2016	31 October	Input for each course - ClimACT Academy	A1.4						0%	ABAE/ISQ/Edigreen
M5	2016	30 November	Key performance indicators		E2.3.1					0%	Edigreen
M5	2016	30 November	Pre-audit			A3.2				0%	ISQ, IST, ULR, USE, UniGib
M6	2016	December	Financial Report				T1.5			0%	All
M6	2016	December	Newsletter					T2.5		0%	All
M6	2016	December	Monitoring report from WP leaders, communication and financial managers and PC						T3.2	0%	All
M6	2016	October	Promotional Video					T2.5		0%	IST
M6	2016	31 December	Database module		E2.2.1					0%	Edigreen
M6	2016	31 December	Definition of the LCE committee, work plan and eco-codes in schools			E3.1.1				0%	ABAE
M6	2016	31 December	Audits' guidelines with report format per sector			A3.2				0%	ISQ, IST, ULR

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End

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