



ClimACT



CLIMACT - ACTING FOR THE TRANSITION TO A LOW CARBON ECONOMY IN
SCHOOLS – DEVELOPMENT OF SUPPORT TOOLS

E 1.4.1. ClimACT Academy Digital Dossier

June 2019

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1.5. Training Course on the ClimACT decision

support tool operation

1.5.1. Training Course on the ClimACT decision support tool operation

Designation	Workshop: use of the ClimACT benchmarking and Decision support tools
Date	3,4 and 6 June 2019
Duration	1 h each workshop
Location	ClimACT Portuguese Schools from Loures and Lisbon
Partners involved	Edigreen , and IST
Number of participants	46
Participants	Teachers from ClimACT Portuguese schools
Description	Teachers had the opportunity to see the ClimACT tools working and had the possibility to learn how to use these tools for their benefit in the future. These workshops were developed in the framework of Final meetings of the project developed in the schools (see pictures below).

a. Tools workshop in Escola Prior Velho, Loures, Portugal.



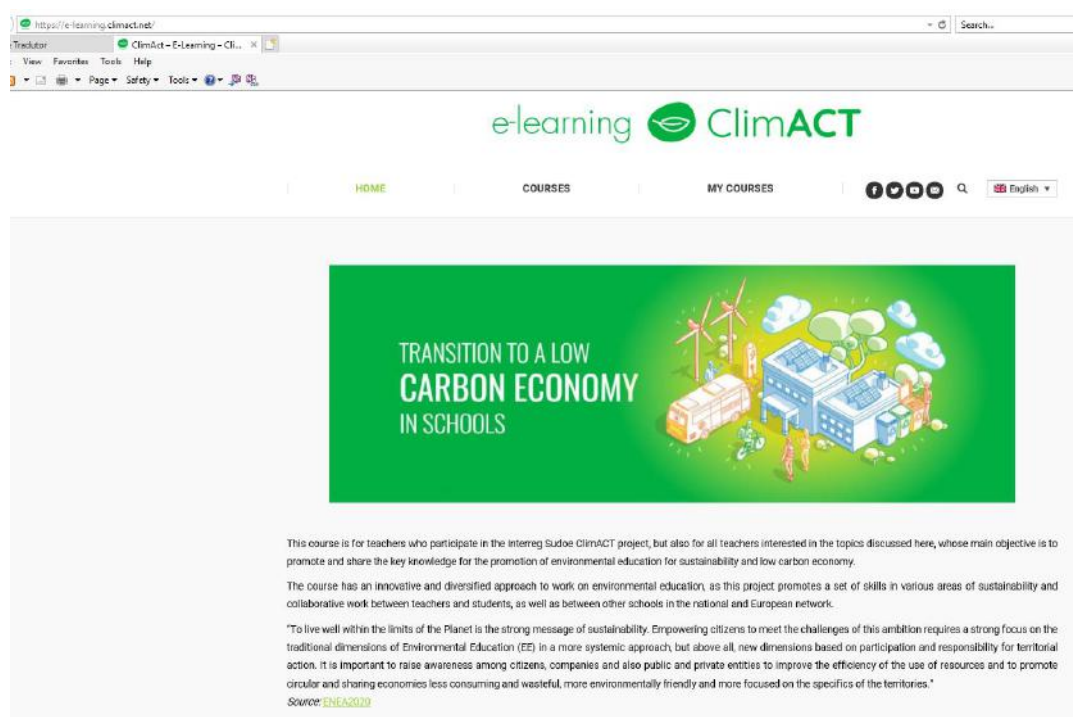
b. Final meetings of the project in Portuguese ClimACT schools.



1.7. E-Learning course on the Sustainable Development

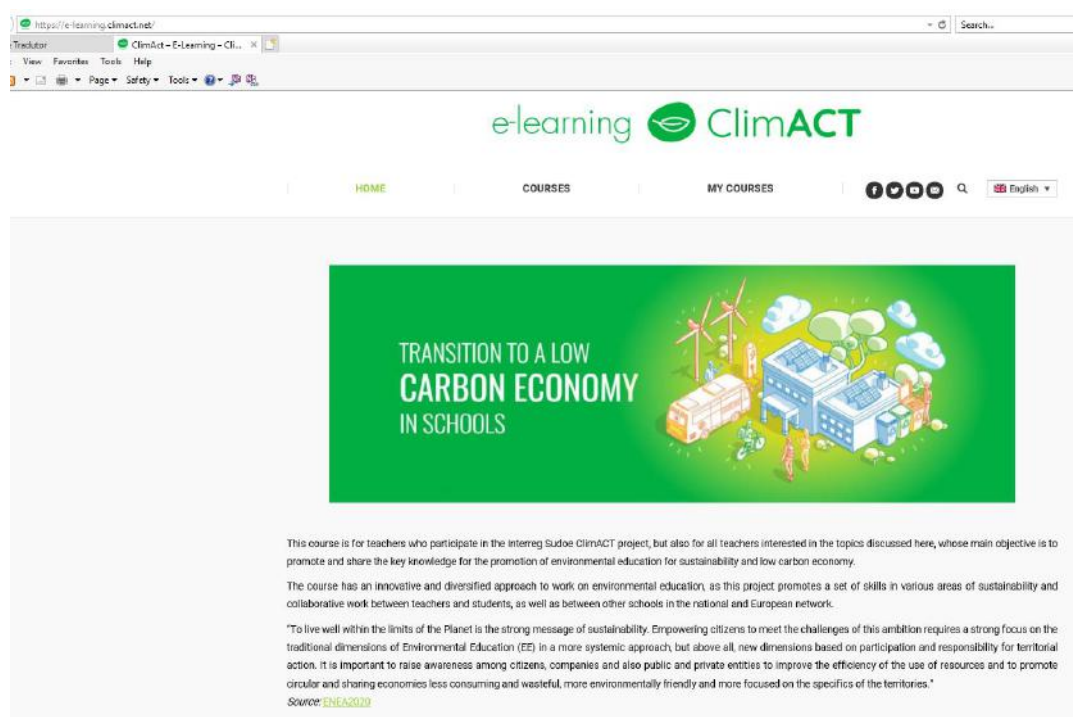
1.7.1. ClimACT E-Learning Course – “ClimACT: transition to a low carbon economy in schools

Designation	ClimACT E-Learning Course – “ClimACT: transition to a low carbon economy in schools”
Date	March 2018 to May 2018
Duration	50 hours
Location	Online Announcement: National Seminar Eco-Schools 2018 – Guimarães, Portugal
Partners involved	ABAE, IST
Number of participants	80
Participants	Teachers from 65 Portuguese schools
Description	<p>This course was designed for teachers who participate or not in the project Interreg Sudoe ClimACT, whose main objective is to provide the participants with knowledge and skills essential for the promotion of environmental education for sustainability and low carbon economy. Also serving to assist teachers in the teaching-learning process of this theme.</p> <p>The course consists of 10 classes with 10 different topics related to the main subject, and has a face-to-face part of 25 hours and an online part of another 25 hours.</p> <p>All the contents can be consulted in http://www.climact.net/gateway/educational-platform/e-learning-course/</p>



1.7.2. ClimACT E-Learning Course – “ClimACT: transition to a low carbon economy in schools: 2nd edition

Designation	ClimACT E-Learning Course – “ClimACT: transition to a low carbon economy in schools”
Date	January 2019 to June 2019
Duration	50 hours
Location	Online Announcement: National Seminar Eco-Schools 2019 – Lagoa, Portugal
Partners involved	ABAE, IST
Number of participants	242
Participants	Teachers from Portuguese schools
Description	<p>This course was designed for teachers who participate or not in the project Interreg Sudoe ClimACT, whose main objective is to provide the participants with knowledge and skills essential for the promotion of environmental education for sustainability and low carbon economy. Also serving to assist teachers in the teaching-learning process of this theme.</p> <p>The course consists of 10 classes with 10 different topics related to the main subject, and has a face-to-face part of 25 hours and an online part of another 25 hours.</p> <p>All the contents can be consulted in http://www.climact.net/gateway/educational-platform/e-learning-course/</p>



1.7.3. ClimACT E-Learning Course – “ClimACT: transition to a low carbon economy in schools:
1st Spanish edition

Designation	ClimACT E-Learning Course – “ClimACT: transition to a low carbon economy in schools” - (Certification by INTEF)
Date	Acadmeic year 2018/2019
Duration	50 hours
Location	-
Partners involved	CIEMAT and ABAE
Number of participants	14
Participants	Teachers from Portuguese schools
Description	<p>This course was designed for teachers who participate or not in the project Interreg Sudoe ClimACT, whose main objective is to provide the participants with knowledge and skills essential for the promotion of environmental education for sustainability and low carbon economy. Also serving to assist teachers in the teaching-learning process of this theme.</p> <p>The course consists of 10 classes with 10 different topics related to the main subject, and has a face-to-face part of 25 hours and an online part of another 25 hours.</p> <p>All the contents can be consulted in http://www.climact.net/gateway/educational-platform/e-learning-course/</p>

1.8. Training course on ClimACT educational tools operation

1.8.1. Portugal

1.8.1.1. Presentation of the ClimACT project to Pilot-Schools in Matosinhos – first meeting

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the schools
Date	19 th October 2016
Location	Municipal Library of Matosinhos, Portugal
Partners involved	ABAE , Edigreen, Municipality of Matosinhos
Number of participants	8
Participants	Teachers from schools from Matosinhos and Vila Nova de Gaia
Contents	<ul style="list-style-type: none">- Objectives of the ClimACT project- ClimACT partners- Low Carbon Structure to be implemented in the schools- ClimACT tools- ClimACT audits- Timeline



1.8.1.2. Presentation of the ClimACT project to the schools from Lisbon and Loures, Portugal.

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the schools from Lisbon and Loures, Portugal.
Date	24 th October 2016
Location	Municipality of Loures, Portugal
Partners involved	ABAE , IST, Municipality of Loures
Number of participants	20
Participants	Teachers from schools from Loures and Lisboa
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline



1.8.1.3. Presentation of the ClimACT project to the Pilot school E.B. 2, 3 Maria Veleda, Portugal

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the Pilot school E.B. 2, 3 Maria Veleda, Portugal
Date	7 th November 2016
Location	E.B. 2, 3 Maria Veleda pilot-school, Loures, Portugal
Partners involved	ABAE
Number of participants	4
Participants	Teachers from E.B. 2, 3 Maria Veleda pilot-school
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline



1.8.1.4. Presentation of the ClimACT project to ClimACT pilot-school from Lisboa and Louresin Loures – refresh.

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the schools from Lisboa and Loures, Portugal – Refresh
Date	10 th October 2017
Location	Municipality of Loures, Portugal
Partners involved	ABAE , IST, Municipality of Loures
Number of participants	21
Participants	Teachers from schools from Loures and Lisboa
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline



1.8.1.5. E-learning meeting.

Designation	Training course on ClimACT educational tools operation: E-learning course presentation
Date	26 th January 2018
Location	Annual Eco-Schools Seminar, Guimarães, Portugal
Partners involved	ABAE
Number of participants	9
Participants	Teachers from Portugal
Description	<ul style="list-style-type: none"> – ClimACT tools – ClimACT audits

- ClimACT E-learning course: number of hours, credits, contents.



1.8.1.6. On-line meeting of the E-Learning course.


Designation	Training course on ClimACT educational tools operation: E-Learning course, On-line meeting for the teachers that participated in the E-Learning Course
Date	22 nd March, and 9 th May 2018
Location	On-line meeting
Partners involved	ABAE
Number of participants	80
Participants	Teachers from Portugal which participated at the E-learning training
Description	<p>2 sessions on 22/03/2018:</p> <ul style="list-style-type: none"> – Presentation of the format of the online course – Clarification of doubts <p>2 sessions on 09/05/2018:</p> <ul style="list-style-type: none"> – Monitoring and analysis of pedagogical works – Clarification of doubts



1.8.1.7. Presentation of the ClimACT project at the Annual Eco-Schools Seminar 2018.

Designation	Training course on ClimACT educational tools operation: Low Carbon Schools, ClimACT Project, Seminar Eco-schools 2018
Date	27 th January 2018
Location	Annual Eco-Schools Seminar, Guimarães, Portugal
Partners involved	ABAE , IST
Number of participants	500
Participants	Teachers, NGO's, national and local authorities
Contents	<ul style="list-style-type: none"> - Climate change - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline



 Seminário Nacional Eco-Escolas 2018 GUIMARÃES CENTRO CULTURAL VILA FLOR 26, 27 e 28 JANEIRO		PROGRAMA	
Sexta, 26 de janeiro – manhã Grande Auditório do Centro Cultural Vila Flor			
8h30	10h00	10h30	11h30
11h30	13h00	13h30	15h00
15h30	17h00	17h30	19h00
19h30	21h00	21h30	23h00
23h30	25h00	25h30	27h00
27h30	29h00	29h30	31h00
31h30	33h00	33h30	35h00
35h30	37h00	37h30	39h00
39h30	41h00	41h30	43h00
43h30	45h00	45h30	47h00
47h30	49h00	49h30	51h00
51h30	53h00	53h30	55h00
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59h30	61h00	61h30	63h00
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91h30	93h00	93h30	95h00
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99h30	101h00	101h30	103h00
103h30	105h00	105h30	107h00
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115h30	117h00	117h30	119h00
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271h30	273h00	273h30	275h00
275h30	277h00	277h30	279h00
279h30	281h00	281h30	283h00
283h30	285h00	285h30	287h00
287h30	289h00	289h30	291h00
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431h30	433h00	433h30	435h00
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443h30	445h00	445h30	447h00
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455h30	457h00	457h30	459h00
459h30	461h00	461h30	463h00
463h30	465h00	465h30	467h00
467h30	469h00	469h30	471h00
471h30	473h00	473h30	475h00
475h30	477h00	477h30	479h00
479h30	481h00	481h30	483h00
483h30	485h00	485h30	487h00
487h30	489h00	489h30	491h00
491h30	493h00	493h30	495h00
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567h30	569h00	569h30	571h00
571h30	573h00	573h30	575h00
575h30	577h00	577h30	579h00
579h30	581h00	581h30	583h00
583h30	585h00	585h30	587h00
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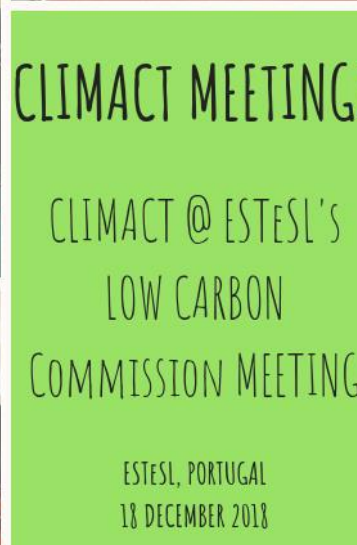
1.8.1.8. Presentation of audit results and ClimACT educational tools in Escola EB Sec/3 José Cardoso Pires, Loures, Portugal

Designation	Training course on ClimACT educational tools operation: Presentation of audit results and ClimACT educational tools in Escola EB Sec/3 José Cardoso Pires, Loures, Portugal
Date	5 th December 2018
Location	Escola EB Sec/3 José Cardoso Pires, Loures, Portugal
Partners involved	IST, ABAE
Number of participants	22
Participants	Teachers from EB 2,3 General Humberto Delgado and EB Sec/3 José Cardoso Pires, Loures, Portugal
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: <ul style="list-style-type: none"> ○ Behavioral questionnaire ○ Technical audits ○ Environmental sectors assessed - Results from the 1st audit - 2nd audit 2018/2019 - ClimACT action in schools - ClimACT Educational tools - ClimACT dissemination - Final Event



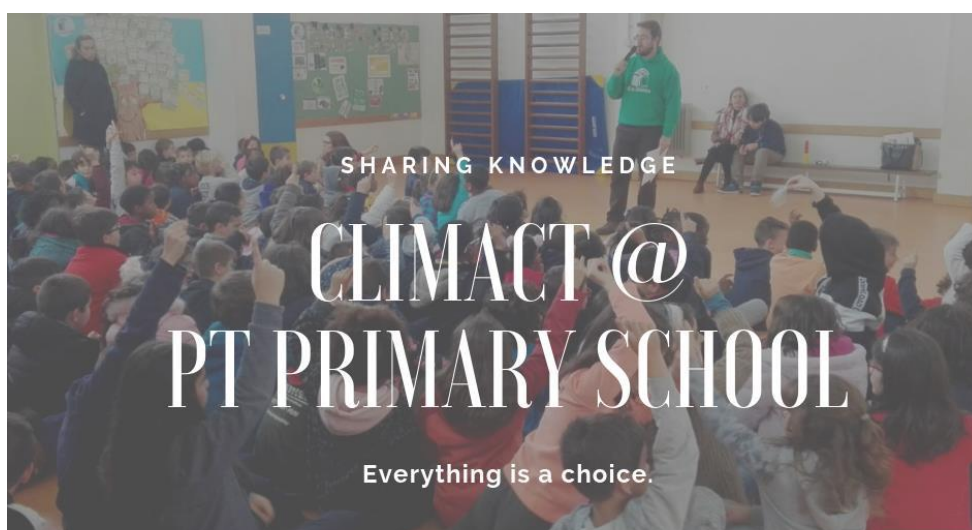
1.8.1.9. Presentation of audit results and ClimACT educational tools in Escola Superior de Tecnologia da Saúde de Lisboa, Portugal

Designation	Training course on ClimACT educational tools operation: Presentation of audit results and ClimACT educational tools in Escola Superior de Tecnologia da Saúde de Lisboa, Portugal
Date	18 th December 2018
Location	Parque das Nações, Lisbon, Portugal
Partners involved	IST, ABAE
Number of participants	17
Participants	teachers from different areas, management and maintenance staff, , communication officers, members of the presidency and students from the school
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: <ul style="list-style-type: none"> o Behavioral questionnaire o Technical audits o Environmental sectors assessed - Results from the 1st audit - 2nd audit 2018/2019 - ClimACT action in schools - ClimACT Educational tools - ClimACT dissemination - Final Event



1.8.1.10. Presentation of audit results and ClimACT educational tools in EB1/JI Prior Velho, Portugal

Designation	Training course on ClimACT educational tools operation: Presentation of audit results and ClimACT educational tools in EB1/JI Prior Velho, Portugal
Date	22 nd January 2019
Location	Loures, Portugal
Partners involved	IST, ABAE, ISQ
Number of participants	10
Participants	Teachers
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: <ul style="list-style-type: none"> o Behavioral questionnaire o Technical audits o Environmental sectors assessed - Results from the 1st audit - 2nd audit 2018/2019 - ClimACT action in schools - ClimACT Educational tools - ClimACT dissemination - Final Event



1.8.1.11. Presentation of audit results and ClimACT educational tools in EB2,3 Mário Sá Carneiro, Portugal

Designation	Training course on ClimACT educational tools operation: Presentation of audit results and ClimACT educational tools in EB2,3 Mário Sá Carneiro, Portugal
Date	23 rd January 2019
Location	Loures, Portugal
Partners involved	IST, ABAE, ISQ
Number of participants	40
Participants	teachers from different areas, management and maintenance staff, members parentst association
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: <ul style="list-style-type: none"> o Behavioral questionnaire o Technical audits o Environmental sectors assessed - Results from the 1st audit - 2nd audit 2018/2019 - ClimACT action in schools - ClimACT Educational tools - ClimACT dissemination - Final Event



1.8.1.12. Presentation of audit results and ClimACT educational tools in EB2,3 Mária Veleda, Portugal

Designation	Training course on ClimACT educational tools operation: Presentation of audit results and ClimACT educational tools in EB2,3 Maria Veleda, Portugal
Date	27 th February 2019
Location	Loures, Portugal
Partners involved	IST, ABAE, ISQ
Number of participants	120
Participants	Teachers from different areas, management and maintenance staff, members parenst association
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: <ul style="list-style-type: none"> o Behavioral questionnaire o Technical audits o Environmental sectors assessed - Results from the 1st audit - 2nd audit 2018/2019 - ClimACT action in schools - ClimACT Educational tools - ClimACT dissemination - Final Event



1.8.2. Spain

1.8.2.1. Presentation of the ClimACT project to pilot-schools in Madrid

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the schools from Madrid
Date	September and October 2016
Location	– ClimACT schools from Madrid, Spain
Partners involved	CIEMAT
Number of participants	15
Participants	Teachers from Madrid ClimACT schools
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline

1.8.2.2. Presentation of the ClimACT project to pilot-schools in Seville

Designation	Training course on ClimACT educational tools operation: Follow-up meeting and presentation of the results of ClimACT praudits to the schools from Sevilla In Stakeholder Session 1.
Date	21 st November 2016
Location	ClimACT spanish schools from Seville, Spain.
Partners involved	USE
Number of participants	25
Participants	Teachers from Seville ClimACT schools
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline

1.8.2.3. Presentation of the ClimACT project to ClimACT pilot-school from Seville, Spain.

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the schools from Sevilla. In Stakeholder Session 2
Date	19 th December 2017
Location	Seville, Spain
Partners involved	ABAE , USE
Number of participants	18
Participants	Teachers from schools from Seville
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline



1.8.3. France

1.8.3.1. Presentation of the ClimACT project to pilot-schools in La Rochelle.

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the directors of high schools and IUT from La Rochelle.
Date	21 ST November (IUT), 30 TH November (Rompsay), 2 nd December (Dautet), 14 TH December (all French pilot schools) 2016
Location	ClimACT French pilot schools, La Rochelle.
Partners involved	ULR, VLR
Number of participants	16
Participants	Teachers from La Rochelle ClimACT schools
Contents	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT audits - Timeline

1.8.3.2. Presentation of audit results and ClimACT educational tools in French pilot schools.

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to Bongraine, Grandes Varennes, Berthelot, B. Profit, Laleu, Jean Bart's school, France
Date	20 th , 27 th June and 4 th July 2017
Location	La Rochelle, France
Partners involved	VLR, ULR
Number of participants	85
Participants	teachers from La Rochelle pilot schools
Description	<ul style="list-style-type: none"> - Presentation of: - The ClimACT project - The ClimACT Methodology - The ClimACT educational tools. - Exchange about the schools actions.





1.8.3.3. Web conference organized by the building compagny "Eiffage", La Rochelle.

Designation	Training course on ClimACT educational tools operation: Web conference organized by the building compagny "Eiffage"
Date	15 th February 2018
Location	La Rochelle, France
Partners involved	VLR
Number of participants	114
Participants	VLR and hight school students and teachers from the French Region "Centre"
Description	Presentation of the ClimACT project (Especially the ClimACT methodology) to three French high school from the region "Center" by a skype meeting.





1.8.3.4. Workshop about food wastage reduction with Teacher, parents, canteen worker, at french pilot schools.

Designation	Trainig course on Educational tools operation: Workshop about food wastage reduction with Teacher, parents, canteen worker. Bongraine and Berthelot School.
Date	8 th and 15 th March 2018 20 th september 2018 16 th november 2018 4 th december 2018
Location	La Rochelle, France
Partners involved	VLR
Number of participants	35
Participants	teacher, parents, canteen workers
Description	<ul style="list-style-type: none"> – Organization of a specific team for food wastage actions. – Composition of the group (cooks, parents, teacher, after school-leaders) – Benchmarking – Choice of the action – Technical organization



- 1.8.3.5. Training course on ClimACT education tools, operation: Presentation of composting rules and roles for teacher, activity leader and NGO worker, Laleu primary school.

Designation	Training course on ClimACT education tools, operation: Presentation of composting rules and roles for teacher, activity leader and NGO worker, Laleu primary school
Date	16 th november 2018
Location	La Rochelle, France
Partners involved	VLR
Number of participants	14
Participants	teacher, activity leader and NGO worker
Description	<ul style="list-style-type: none"> – Presentation of composting – Composition of the group “compost”

- Deliberation to organize the different responsibility



1.8.3.6. Presentation of audit results and ClimACT educational tools in Primary Schools from La Rochelle, France.

Designation	Training course on ClimACT educational tools operation: Presentation of audit results and ClimACT educational tools in Primary Schools from La Rochelle, France
Date	10 th , 11 th and 17 th December 2018
Location	La Rochelle
Partners involved	ULR, VLR
Number of participants	29
Participants	Teachers from Primary Schools from La Rochelle
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: <ul style="list-style-type: none"> ○ Behavioral questionnaire ○ Technical audits ○ Environmental sectors assessed - Results from the 1st audit - Information about the 2nd audit at 2019 - ClimACT action in schools - ClimACT Educational tools



1.8.3.7. Presentation of the audit results and ClimACT educational tools to the municipality stakeholders.

Designation	Presentation of the audit results and ClimACT educational tools to the municipality stakeholders
Date	7 th March 2019
Location	La Rochelle
Partners involved	ULR, VLR
Number of participants	14
Participants	Municipality stakeholders
Description	<ul style="list-style-type: none"> - ClimACT project presentation – refresh - ClimACT methodology: - ClimACT audit results - ClimACT Educational tools

1.8.4. Gibraltar

1.8.4.1. Presentation of the ClimACT project to pilot-schools in Gibraltar.

Designation	Training course on ClimACT educational tools operation: Presentation of the ClimACT project to the schools from Gibraltar
Date	1 st and 3 rd March 2017
Location	ClimACT pilot schools from Gibraltar, Gibraltar.
Partners involved	ABAE , UniGib
Number of participants	25
Participants	Teachers from Gibraltar ClimACT schools
Contents	<ul style="list-style-type: none"> – Overall approach of the ClimACT initiative – Discussing initiative in the next school staff meeting – Determine the level of engagement of the school (No of school years, etc.) – Nominating a contact person – Rolling out the questionnaire in IT lessons; – Support the environmental assessment process; – Designate a Low Carbon Coordinator





1.8.4.2. Project presentation to St. Anne's Middle School Headteacher

Designation	Project presentation to St. Anne's Middle School Headteacher
Date	3 rd May 2017
Location	Gibraltar
Partners involved	UniGib
Number of participants	3
Participants	St. Anne's Middle School Headteacher
Description	<ul style="list-style-type: none"> – Overall approach of the ClimACT initiative; – Discussing the initiative in the next school staff meeting; – Nominating a contact person – Low Carbon Coordinator; – Determine the level of engagement of the school (school year, class, etc.)



1.8.4.3. First meeting initial cohort of schools

Designation	Trainig course on Educational tools operation: First meeting initial cohort of schools
Date	31 st May 2017
Location	Gibraltar
Partners involved	UniGib
Number of participants	11
Participants	Low carbon coordinators from Gibraltar ClimACT schools.
Description	<ul style="list-style-type: none"> – Project intro and overview – Roles of school members – Environmental audits – Online questionnaire – Available resources – Eco-Schools UK – Further resources – Ongoing activities in schools – Next steps



1.8.4.4. Meeting new Education Adviser

Designation	Trainig course on Educational tools operation: Meeting new Education Adviser
Date	18 th October 2017
Location	Gibraltar
Partners involved	UniGib
Number of participants	3
Participants	Department of education
Description	<ul style="list-style-type: none"> – Eco-schools and FEE (Foundation for Environmental Education)

- The Dep of Environment (DECC) and Educational activities
- Further remarks
- Next steps



1.8.4.5. Second meeting initial cohort of schools

Designation	Trainig course on Educational tools operation: Second meeting initial cohort of schools
Date	8 th November 2017
Location	Gibraltar
Partners involved	UniGib
Number of participants	10
Participants	Low carbon coordinators from Gibraltar ClimACT schools
Description	<ul style="list-style-type: none"> – Update on overall progress of the project – School's Action Plans for academic year 2017-2018 – Low Carbon Schools – Madrid seminar



1.8.4.6. First meeting with all school reps (Working Party)

Designation	Training course on Educational tools operation: First meeting with all school reps (Working Party)
Date	23 rd November 2017
Location	Gibraltar
Partners involved	UniGib
Number of participants	23
Participants	School representatives
Description	<ul style="list-style-type: none"> – ClimACT project and pilot experience in Gibraltar – Eco-Schools



1.8.4.7. Meeting Westside school Young Enterprise students. Project presentation

Designation	Trainig course on Educational tools operation: Meeting Westside school Young Enterprise students. Project presentation
Date	13 th December 2017
Location	Gibraltar
Partners involved	UniGib
Number of participants	17
Participants	Gibraltar ClimACT students
Description	<ul style="list-style-type: none"> - Eco-Schools - Young enterprise



1.8.4.8. Meeting with all school reps (Working Party)

Designation	Training course on Educational tools operation: Meeting with all school reps (Working Party)
Date	7 th February 2018
Location	Gibraltar
Partners involved	UniGib
Number of participants	30
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Structure and naming of different sections of Education for sustainable schools initiative - Report from Madrid and future September meeting in Gibraltar - Outcome of NGOs meeting - School audit – Ethos and Curriculum + Setting up of 'Eco-Committee - How can the DEHCC help



1.8.4.9. Meeting with all school reps (Working Party)

Designation	Training course on Educational tools operation: Meeting with all school reps (Working Party)
Date	22 nd March 2018
Location	Gibraltar
Partners involved	UniGib
Number of participants	28
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Update on progress of school audits and school committees - Sustainable Schools Gibraltar – Foundation Stage - Group activity and presentation of ideas



1.8.4.10. Meeting with all school reps (Working Party)

Designation	Trainig course on Educational tools operation: Meeting with all school reps (Working Party)
Date	13 th June 2018
Location	Gibraltar
Partners involved	UniGib
Number of participants	27
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Feedback from Brussels conference - Updated structure, activities and credit system - Group activity and presentations (SB) - Plenary and summary of the year



1.8.4.11. Meeting with all school reps (Working Party)

Designation	Trainig course on Educational tools operation: Meeting with all school reps (Working Party)
Date	6 th December 2018
Location	Gibraltar
Partners involved	UniGib
Number of participants	25
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Sustainable schools: Aim, Structure and Stages - Activities and credits - Activity report



1.8.4.12. Meeting with all school reps (Working Party)

Designation	Trainig course on Educational tools operation: Meeting with all school reps (Working Party)
Date	27 th February 2019
Location	Gibraltar
Partners involved	UniGib
Number of participants	30
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Sustainable schools: Aim, Structure and Stages - Activities and credits - Activity report

1.8.4.13. Meeting with all school reps (Working Party)

Designation	Trainig course on Educational tools operation: Meeting with all school reps (Working Party)
Date	2 nd April 2019
Location	Gibraltar
Partners involved	UniGib
Number of participants	33
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Sustainable schools: Aim, Structure and Stages - Activities and credits - Activity report

1.8.4.14. Meeting with all school reps (Working Party)

Designation	Trainig course on Educational tools operation: Meeting with all school reps (Working Party)
Date	18 th June 2019
Location	Gibraltar
Partners involved	UniGib
Number of participants	31
Participants	ClimACT / school representatives
Description	<ul style="list-style-type: none"> - Sustainable schools: Aim, Structure and Stages - Activities and credits - Activity report

1.8.5. All Partners

1.8.5.1. Low carbon activities in ClimACT schools for teachers from PT, SP, FR and GB, at the 4th ClimACT Meeting in Madrid.

Designation	Training course on ClimACT educational tools operation: 10-11 January 2018 - Training course on ClimACT educational tools operation: Low carbon activities in ClimACT schools for teachers from PT, SP, FR and GB organized by CIEMAT in the scope of the 4th ClimACT meeting, Spain.
Date	10 th -11 th January 2018
Location	4 th ClimACT Meeting in CIEMAT, Madrid, Spain
Partners involved	CIEMAT , and all partners
Number of participants	11
Participants	Teachers from Portugal, Spain, France and Gibraltar
Description	<ul style="list-style-type: none"> - Educational activities shared and performed by the teachers - Various content of ClimACT project was shared to ClimACT teachers and invited teachers.



1.8.5.2. Low carbon activities in ClimACT schools for teachers from PT, SP, FR, GB and Andorra at the 5th ClimACT meeting, Gibraltar.

Designation	Training course on ClimACT educational tools operation: Low carbon activities in ClimACT schools for teachers from PT, SP, FR, GB and Andorra organized by UniGib in the scope of the 5 th ClimACT meeting, Gibraltar
Date	27 th – 28 th September 2018
Location	5 th ClimACT Meeting in University of Gibraltar, Gibraltar
Partners involved	UniGib , all
Number of participants	24
Participants	Teachers from Portugal, Spain, France, Gibraltar and Andorra
Description	<ul style="list-style-type: none"> - Educational activities shared and performed by the teachers - Teachers participated at the activity to “Design the Ideal Sustainable School’. - Various content of ClimAT project was shared to ClimACT teachers and invited teachers.





1.9. Awareness campaigns with presentation of ClimACT gamification approaches

1.9.1. Portugal

1.9.1.1. Awareness campaign in Primary School Prior Velho, Portugal.

Designation	Awareness Campaign about Indoor Air Quality -Primary School of Prior Velho, Portugal.
Date	20 th March 2017
Location	Prior Velho, Portugal
Partner involved	IST
Number of participants	24
Participants	Students from pilot school EB1 Prior Velho, Loures, Portugal
Description	<ul style="list-style-type: none"> - Why the indoor air quality is important; - Which factors deteriorate the indoor air quality; - How the students can contribute to improve the indoor air quality in their schools.



1.9.1.2. Sustentabilis 2017

Designation	Awareness campaign for students: Sustentabilis
Date	25 th to 29 th May 2017
Location	Olivais, Portugal
Partner involved	IST
Number of participants	200
Participants	Students from Olivais Parish
Description	- Stand with information about ClimACT project.

- Presentation about climate changes, how the citizens can contribute to improve the environment and how low carbon initiatives can be implemented in schools.
- Low carbon Games to play and learn for the sustainability.
- Note: collaboration with the LIFE Index-Air and REMEDIO projects, participation of the Secretary of State for the Environment and Olivais Parish Council President.

25 a 28 maio
a partir das 10h00

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1.9.1.3. Loures InSS 2017

Designation	Awareness campaign for students: Loures INSS2017 - stand and environmental education
Date	5 th June 2017
Location	Parque Adão Barata, Loures, Portugal
Partner involved	IST, Loures Municipality
Number of participants	500
Participants	Students from Loures and Lisbon
Description	<ul style="list-style-type: none"> - Stand with information about ClimACT project. - Presentation about climate changes, how the citizens can contribute to improve the environment and how low carbon initiatives can be implemented in schools. - Low carbon Games to play and learn for the sustainability. - Note: collaboration with the LIFE Index-Air and REMEDIO projects



1.9.1.4. Awareness campaign about Indoor Air Quality in Ponte de Sôr' primary schools.

Designation	Awareness Campaign for students about Indoor Air Quality
Date	12th July 2017
Location	Ponde de Sôr Municipality
Partner involved	IST
Number of participants	240 students and 14 teachers.
Participants	Students of the 4 th grade of schools from the council and its parishes (Foros de Arrão, Montargil, Galveias, Vale de Açor and Longomel)
Description	<ul style="list-style-type: none"> - Why the indoor air quality is important; - Which factors deteriorate the indoor air quality; - How the students can contribute to improve the the indoor air quality in their schools.



QAI - COMO SE CARACTERIZA?

O ar interior é um sistema físico-químico complexo e a sua qualidade pode ser caracterizada por uma grande variedade de poluentes e parâmetros, tais como:

- 1) **Agentes químicos:** dióxido de carbono (CO₂), monóxido de carbono (CO), ozono (O₃), compostos orgânicos voláteis (COV), partículas em suspensão (PM10, PM2.5, ultrafinas)
- 2) **Agentes biológicos:** bio-aerossóis, bactérias, fungos (bóteres), pólenes
- 3) **Parâmetros físicos:** temperatura, humidade relativa

QAI - O QUE A INFLUENCIA?

A QAI é influenciada por:

- 1) Fontes exteriores: tráfego, indústria, queima de biomassa
- 2) Fontes interiores: presença humana, materiais e mobiliário, reutilização
- 3) Ventilação: natural ou mecânica

QAI - SABIA QUE?

Vários estudos europeus demonstram que as salas de aulas, em geral, não possuem uma boa qualidade do ar!

Elevadas concentrações de CO₂, elevados níveis de partículas em suspensão e de COV, taxas de ventilação muito baixas e elevados níveis de bio-aerossóis encontram-se facilmente nas salas de aula.

Sabia que elevados níveis de CO₂ na sala de aula promovem a diminuição da atenção, desempenho e raciocínio por parte dos alunos?

Este é um dos efeitos imediatos de uma má QAI em salas de aula!

Boas Práticas

para melhorar a QAI nas salas de aula

PEQUENOS TRUQUES

1 Palavra de ordem: Ventilar!

antes, durante e depois

Habitualmente, as salas de aula têm ventilação natural (apenas promovida pela abertura de janelas e portas). Caso as condições atmosféricas o permitam, para melhorar a ventilação da sala de aula deve:

ANTES do início das aulas e durante os intervalos, abrir totalmente as janelas e a porta.

DURANTE a aula, manter alguma ventilação (abertura de janelas), especialmente, se sentir o ar pesado e abafado.

DEPOIS da aula, abrir totalmente as janelas e porta para arejar a sala de aula durante o intervalo.

Se a abertura das janelas não proporcionar uma ventilação suficiente, poderá ser necessário um sistema mecânico de ventilação para assegurar uma melhor QAI.

Uma ventilação eficaz é essencial para garantir o conforto térmico, impedir a proliferação de bolores e reduzir as concentrações de poluentes no interior.

2 Limpeza

- 1) Produtos de limpeza de baixas emissões e menos poluentes deverão ser escolhidos (os chamados "produtos verdes", associados com um rótulo ecológico).
- 2) A limpeza dos espaços da escola deverá ser realizada no final de cada dia de aulas e nunca no seu início.

3 Reduzir e controlar as fontes de poluição

FONTES INTERIORES durante as aulas

- 1) quando utilizar tintas, colas e diluentes promover a ventilação da sala.
- 2) a utilização de giz provoca elevados níveis de partículas em suspensão no ar - procure evitar a sua utilização se possível, preferindo outras soluções.
- 3) nunca use velas, incenso e ambientadores.
- 4) não utilize impressoras nas salas de aulas.

durante o processo de renovação ou manutenção de uma sala de aula

- 1) prefira sempre materiais e produtos ecológicos de baixas emissões (por exemplo, tinta à base de água).
- 2) limite a exposição aos materiais de construção que contenham substâncias associadas a asma ou outras doenças respiratórias.
- 3) após a renovação/manutenção onde utilizou novos materiais na sala de aula ou mobiliário, ventile muito bem a sala de aula durante alguns dias antes da sua primeira utilização para evitar exposição a elevados níveis de COV.

FONTES EXTERIORES

Tente compreender quais são as potenciais fontes de poluição exteriores para evitar a infiltração de poluentes na sua sala de aula. Se possível, tente minimizar as suas emissões.

Caso ainda persista a prática de fumar na sua escola, a proibição deverá ser reforçada.

A qualidade do ar interior... É importante?

Hoje em dia, nos países industrializados, as pessoas passam cerca de 90% do seu tempo em ambientes interiores (incluindo casa, transportes, emprego, escola, espaços de lazer, entre outros).

Como cada pessoa respira, em média, cerca de 12000 a 15000 litros de ar por dia, é fácil compreender a exposição a que as pessoas poderão estar sujeitas aos poluentes existentes no ar.

Respirar 12 000 - 15 000 litro/dia

Habitualmente, a concentração de poluentes em ambientes interiores é superior ao exterior, especialmente se não houver processos de diluição nos ambientes interiores onde existam emissões contínuas.

As crianças são um grupo da população especialmente vulnerável ao impacto da qualidade do ar interior (QAI) visto que respiram quantidades de ar maiores (em comparação com os adultos e relativamente à sua massa corporal) e o seu organismo ainda não está completamente preparado para lidar com a exposição a poluentes.

Tendo em conta que as crianças passam, em média, cerca de 8 horas por dia de semana nas escolas, a QAI das salas de aula pode ter um impacto significativo nas crianças, tanto a nível de saúde, absentismo, aprendizagem e desempenho escolar.

Tendo em conta a importância da QAI, a Organização Mundial da Saúde (WHO) já estabeleceu que...

World Health Organization todos têm o direito a respirar ar saudável em ambientes interiores.

O que é o Projeto ClimACT?

O projeto ClimACT pretende apoiar a transição para uma economia de baixo carbono nas escolas e tem quatro linhas de atuação:

- 1) Desenvolvimento de ferramentas de apoio à decisão que permitam avaliar e identificar soluções sustentáveis para as escolas, baseadas na gestão inteligente de recursos, energias renováveis e comportamento.
- 2) Desenvolvimento de medidas de registo e de novas estratégias de gestão para as escolas.
- 3) Desenvolvimento de ferramentas educacionais para a sensibilização em baixo carbono, apoiadas por técnicas de informação e comunicação.
- 4) Criação de uma rede temática na região SUDOE impulsionada por uma metodologia Living Lab, que irá aumentar a sensibilização e capacitação e fomentar um quadro de comunicação entre as utilizações locais e a gestão municipal.

Este projeto baseia-se numa abordagem integrada e holística, tendo em conta a eficiência de recursos, a qualidade do ar e o transporte sustentável. O projeto ClimACT será implementado em 35 escolas piloto de Portugal, Espanha, França e Gibraltar.

Quer participar nas ações do Projeto ClimACT?

Contacte-nos!

Coordenadora do Projeto: **Marta Almeida - IST**
 smarta@dm.tecnico.ulisboa.pt

Responsável: **Isabela Almeida** | Equipa de Investigação: **Catarina Galinha, Joana Lago, Mariana Almeida-Gouveia, Nuno Cunha, Tiago Faria**

Estrutura desenvolvida por Nuno Cunha (para mais informações contacte nuno@climact.pt) no âmbito do Projeto ClimACT SUE-UP3-P0825 financiado por:

AMBIENTES ESCOLARES

como melhorar o ar que respiramos dentro da sala de aula?

Importância & pequenos truques

GUIA DE BOAS PRÁTICAS PARA MELHORAR A QUALIDADE DO AR INTERIOR (QAI)

1.9.1.5. Green Flags Day 2017 – Eco-Schools Award

Designation	Awareness campaign for the students: Green Flags Day 2017 – Eco-Schools Award
Date	September 27 th 2017
Location	Parque Desportivo Municipal, Mafra, Portugal
Partner involved	ABAE, IST
Number of participants	3882
Participants Description	Portuguese students from Eco-schools
	- Stand with information about ClimACT project.

- Presentation about climate changes, how the citizens can contribute to improve the environment and how low carbon initiatives can be implemented in schools.
- Low carbon Games to play and learn for the sustainability.



Eco-Mostra

MOSTRA DAS ESCOLAS:

EBI do Carregado (Alenquer)
Escola Básica Louro Artur (Almada)
Centro Educativo Alice Nabeiro (Campo Maior)
Escola Cidade de Castelo Branco
Escola Sup. de Tecnologia da Saúde de Coimbra
Colégio Valsassina (Lisboa)
Nova Medical School | Faculdade de Ciências Médicas (Lisboa)
Real Colégio de Portugal (Lisboa)
Escola Superior de Tecnologia da Saúde de Lisboa
Escola EB 2,3 Maria Veleda (Loures)
Escola EB 2,3/S de Mação
Colégio Miramar (Mafra)

EB 2,3 António Bento Franco (Mafra)
EB 2,3 de Venda do Pinheiro (Mafra)
EB 2,3 Professor Armando de Lucena (Mafra)
EBI da Freguesia da Carvoeira (Mafra)
EB1/JI da Ericeira (Mafra)
EB1/JI Freguesia de Santo Isidoro (Mafra)
Escola Secundária José Saramago (Mafra)
JI de Ribamar (Mafra)
EB1/JI Porto Pinheiro (Odivelas)
Colégio Monte Flor (Oeiras)
Escola E.B.I.c JI Sophia de Mello Breyner (Oeiras)
EBI da Boa Água (Sesimbra)
EB1/JI de Lopus (Sintra)

EXPOSIÇÃO ECO-ESCOLAS

Exposição ClimACT
Exposição Poster Eco-Código 2017" e Jogo "OlhóCódigo"
Exposição "Supervegetal..."
Exposição "A minha Terra em Tecido"
Desafio UHU: Photowalls

E AINDA:

Fotografia criativa
Pinturas Faciais
NO EXTERIOR:
Cavalos
Insufláveis



1.9.1.6. Loures InSS 2018

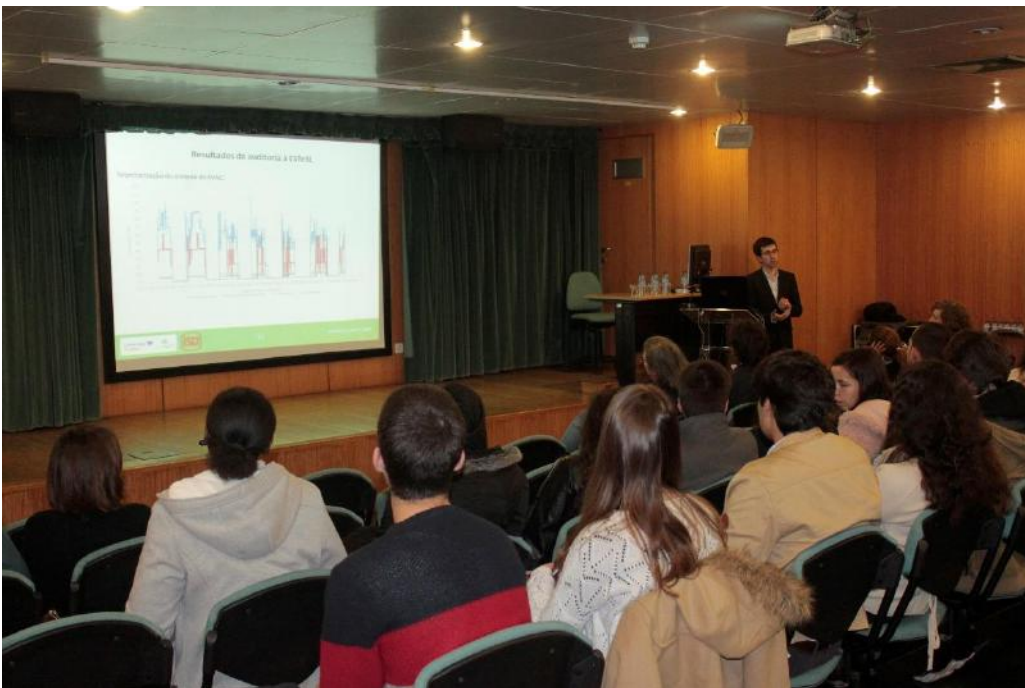
Designation	Awareness campaign for students: Loures InSS 2018
Date	4 th June 2018
Location	Parque Urbano de Santa Iria da Azoia, Portugal
Partner involved	IST, Loures Municipality
Number of participants	80





1.9.1.7. Encontros com a Ciência na ESTeSL

Designation	Awareness campaign for the students: Awareness campaign for the students from Escola Superior de Tecnologia da Saúde de Lisboa in Seminar “Encontros com a Ciência na ESTeSL”, promoted by Conselho Técnico-Científico da ESTeSL “ClimACT - Acting for the transition to a low carbon economy in school”
Date	20 th March 2018
Location	Escola Superior de Tecnologia da Saúde de Lisboa, Lisbon, Portugal
Partner involved	IST, ISQ
Number of participants	40
Participants	Portuguese students from ESTeSL
Description	<ul style="list-style-type: none"> - Objectives of the ClimACT project - ClimACT partners - Low Carbon Structure to be implemented in the schools - ClimACT tools - ClimACT environmental and energy audits and results - Timeline





1.9.1.8. Green Flags Day 2018 - Eco-Schools Awards

Designation	Awareness campaign for the students: Green Flags Day 2018 – Eco-Schools Award
Date	4 th October 2018
Location	Pombal, Portugal
Partner involved	ABAE
Number of participants	3216 students, 1228 teachers, 714 schools
Participants	Portuguese students from Eco-schools
Description	Stand with information about ClimACT project.



1.9.1.9. Awareness campaign at Escola EB1 n.º 4 da Póvoa de Santa Iria

Designation	Awareness campaign for the students: Awareness Campaign about Sustainability focuss on Air Quality, Escola EB1 n.º 4 da Póvoa de Santa Iria
Date	23 rd November 2018
Location	Loures, Portugal
Partner involved	IST
Number of participants	269
Participants	Primary students from school EB1 n.º 4 da Póvoa de Santa Iria
Description	<ul style="list-style-type: none"> - Why the indoor air quality is important; - Which factors deteriorate the indoor air quality; - How the students can contribute to improve the indoor air quality in their schools.





1.9.1.10. Construction of solar cars by Portuguese ClimACT students.

Designation	Awareness campaign for the students: Construction of solar cars in portuguese schools
Date	Along academic years 2016/2017, 2017/2018
Location	ClimACT schools in Portugal: <ul style="list-style-type: none"> – School EB 2,3 Maria Veleda – School EB 2,3 Mário Sá Carneiro – School Secundária Abel Salazar – School EB 2,3 Júlio Dinis – School Escola EB 1 Prior Velho
Partners involved	ABAE
Number of participants	150
Description	Assembling of a solar car by the students, with the offered kits. The objective was awareness to the importance of using solar energy.



1.9.1.11. Construction of solar ovens by Portuguese ClimACT students

Designation	Awareness campaign for the students: construction of solar ovens in portuguese schools
Date	Along academic years 2016/2017, 2017/2018
Location	ClimACT schools in Portugal:

Partners involved Number of participants Description	<ul style="list-style-type: none"> – School EB 1 Prior Velho – School Secundária Abel Salazar – School EB1 Padre Manuel de Castro
	ABAE
	78
Construction of solar ovens by the students, with reused or recycled materials. With the objective was awareness to the importance of using solar energy.	

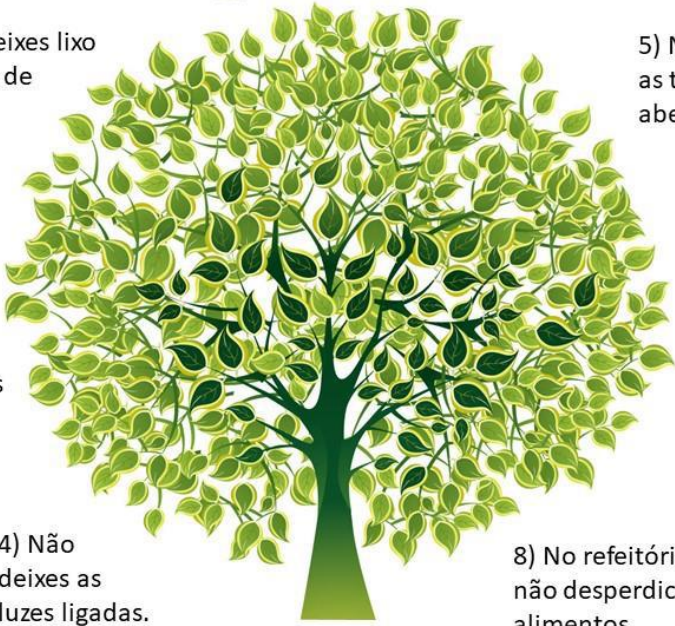


1.9.1.12. Climate action code from Portuguese ClimACT schools

Designation	Awareness campaign for the students: Construction of the Climate Action Code
Date	Along academic years 2016/2017, 2017/2018
Location	ClimACT schools in Portugal: <ul style="list-style-type: none"> – School EB 2,3 General Humberto Delgado

Partners involved	<ul style="list-style-type: none"> – School EB 1 Prior Velho – School EB 2,3 Maria Veleda – School EB 2,3 Mário Sá Carneiro – School Sec/3 José Cardoso Pires – Escola Superior de Tecnologia da Saúde de Lisboa – School Secundária Abel Salazar – School EB1 Padre Manuel de Castro – School EB 2,3 Júlio Dinis
	ABAE
Number of participants	1000
Description	Development of a climate action code by all the students, aiming to instil feelings of ecological/environmental responsibility in the school community through the adoption of healthy attitudes and behaviours. This code consists of ten key-sentences and intends to transmit an environment where there is harmony between the human being and nature.

Código Climático

- 
- 1) Não deixes lixo nas salas de aulas.
 - 2) No recreio, não deixes lixo no chão.
 - 3) Não deixes os projetores e computadores ligados.
 - 4) Não deixes as luzes ligadas.
 - 5) Não deixes as torneiras abertas.
 - 6) Poupa água,rega com regador.
 - 7) Na horta, não pises as plantas cultivadas.
 - 8) No refeitório, não desperdices alimentos.





1.9.1.13. Awareness Campaign for students about Sustainability foccus on Air Quality, Escola EB1 n.º 4 da Póvoa de Santa Iria, Portugal.

Designation	Awareness Campaign for students about Sustainability foccus on Air Quality, Escola EB1 n.º 4 da Póvoa de Santa Iria, Portugal
Date	23 rd November 2019
Location	Loures, Portugal
Partners involved	IST
Number of participants	269 students
Description	<ul style="list-style-type: none"> – Interactive presentation about air quality – Environmental games.



1.9.1.14. Awareness session about Carbon footprint at Escola Prior Velho, Portugal.

Designation	Awareness session about Carbon footprint at EB Prior Velho, Portugal
Date	22 nd January 2019
Location	Loures, Portugal
Partners involved	IST, ABAE
Number of participants	100 students
Description	<ul style="list-style-type: none"> – Carbon footprint – what it is? – Mobility – Energy efficiency – Water consumption – Waste management – Students played the ClimACT Carbon game



1.9.1.15. Awareness session about Carbon footprint at EB2,3 Mário Sá Carneiro, Portugal.

Designation	Awareness session about Carbon footprint at EB2,3 Mário Sá Carneiro, Portugal
Date	23 rd January 2019
Location	Loures, Portugal
Partners involved	IST, ABAE
Number of participants	25
Description	<ul style="list-style-type: none"> – Carbon footprint – what it is? – Mobility – Energy efficiency – Water consumption – Waste management

– Students played the ClimACT Carbon game



1.9.1.16. Awareness session about Carbon footprint at EB2,3 Mário Sá Carneiro, Portugal.

Designation	Awareness session about Carbon footprint at EB2,3 Maria Veleda, Portugal
Date	27 th February 2019
Location	Loures, Portugal
Partners involved	IST, ABAE
Number of participants	25
Description	<ul style="list-style-type: none"> – Carbon footprint – what it is? – Mobility – Energy efficiency – Water consumption – Waste management – Students played the ClimACT Carbon game



1.9.2. Spain

1.9.2.1. Awareness campaign for high schools from Sevilla University, Seville, Spain.

Designation	Awareness campaign for students: awareness campaign for high schools from Sevilla University, Seville, Spain. Programme: "Jovenes con Investigadores"
Date	30 th November 2016
Location	Seville, Spain
Partner involved	USE
Number of participants	17
Participants	Students from Sevilla University Programme: "Jovenes con Investigadores"
Description	<ul style="list-style-type: none"> • Workshop A - Implementation of paper recycling in school: <ul style="list-style-type: none"> ◦ Setting up a bin for paper recycling in a classroom, with the aim of measuring paper recycling amount along a month and carrying out a communication campaign with the obtained results through a poster with the potential of paper recycling of school. ◦ Ultimate goal of increasing the amount of recycling paper in whole school community.

- Workshop B – Potential lighting retrofitting in school:
 - Evaluation of potential lighting retrofitting in school surroundings by students and development of poster with results.
 - Objective to raise awareness in students about the potential environmental and economic benefits associated to the reduction of energy consumption.

WORKSHOP A



WORKSHOP B

1.9.2.2. Awareness campaign in high schools in Seville, Spain.

Designation

Awareness campaign for students: awareness campaign for high schools students from Sevilla University, Seville, Spain.

Date	18 th January 2018
Location	Seville, Spain
Partner involved	USE
Number of participants	12
Participants	High school students
Description	<ul style="list-style-type: none"> – Explain the ClimACT Project to young students, teaching them about behavior changes towards a low-carbon economy in schools and their active role on it



1.9.2.3. Awareness campaign in high schools in Seville, Spain.

Designation	Awareness campaign for students: Working day on Low Carbon Economy in Escuela Técnica Superior de Ingeniería and Escuela Técnica Superior de Arquitectura, Seville, Spain
Date	2 nd March 2018

Location	Seville, Spain
Partner involved	USE
Number of participants	30
Participants	Architecture students from the university.
Description	Awareness session about how to proceed towards a low carbon economy in schools and their important role on it.



1.9.2.4. Awareness campaign in high schools in Seville, Spain.

Designation	Awareness campaign for students: Workshop of Low Carbon Economy in IES Chaves Nogales, Seville, Spain.
Date	20 th March 2018
Location	Seville, Spain
Partner involved	USE
Number of participants	100 participants (12 signatures)
Participants	Students from Seville Schools
Description	<ul style="list-style-type: none"> • Workshop for the evaluation of sustainable transport strategies in school surroundings by students. • Construction of solar ovens, solar cars and geodesic structure with reused material. • Objective to raise awareness in students about the potential to reduce environmental impact associated with the transport sector.





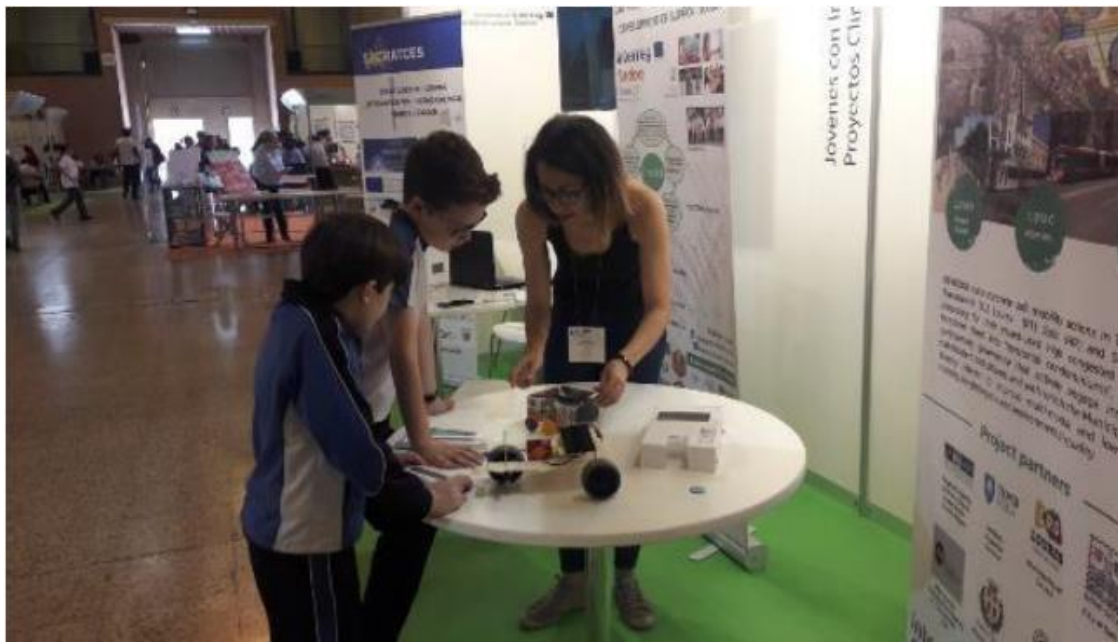
1.9.2.5. Awareness campaign in high schools in Seville, Spain.

Designation	Awareness campaign for students: ClimACT stand in 15 th edition of the Spanish Science Fair, "Feria de la Ciencia"
Date	11 th May 2018
Location	Seville, Spain
Partner involved	USE
Number of participants	1000
Participants	Students from different schools from Seville
Description	In this event knowledge about sustainable environment and related themes were SHARED.

1.9.2.6. Awareness campaign in high schools in Seville, Spain.

Designation	Awareness campaign for students: ClimACT stand in 16 th edition of the Spanish Science Fair, "Feria de la Ciencia"
Date	3 rd May 2018
Location	Seville, Spain
Partner involved	USE
Number of participants	12
Participants	Students from different schools from Seville
Description	A stand for ClimACT project trained students about: <ul style="list-style-type: none"> – how solar cars work

- sustainability and the environment
 - ClimACT project
- Students played the climACT quiz.





1.9.2.7. Workshop of sustainable transport strategies in school

Designation	Awareness campaign for the students: Workshop of sustainable transport strategies in school
Date	Academic year 2018/2019
Location	Different ClimACT pilot schools in Seville
Number of participants	6
Description	<p>Workshop for the evaluation of sustainable transport strategies in school surroundings by students, in which the ClimACT researcher members explained the procedure, and in the end it was assessment of results and development of poster for dissemination.</p> <p>The objective was raise awareness in students about the potential to reduce environmental impact associated to transport sector.</p>

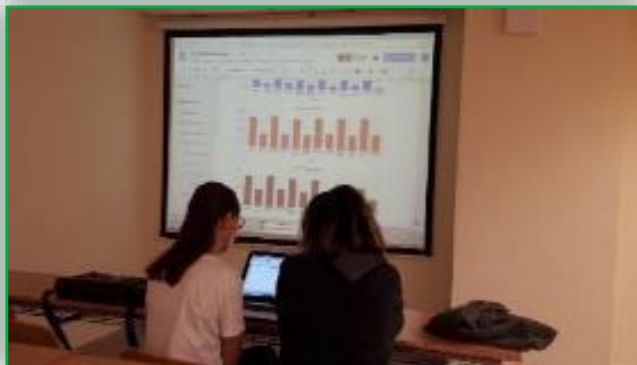


Figure 18 - Workshop participants

1.9.2.8. Awareness campaign for high school's students from Sevilla University, Seville.

Designation	Awareness campaign for students: Awareness campaign for high school's students from Sevilla University, Seville, Spain. Programme: "Jovenes con Investigadores".
Date	18 th January 2018
Location	ITACA in Seville, Spain
Number of participants	12
Description	<p>Session "Improving of natural ventilation rate through different strategies":</p> <ul style="list-style-type: none"> Improving the indoor air quality (IAQ) of a classroom by means of the implementation of operating strategies based on different windows opening periods, with the aim of increasing

ventilation rate over peak periods of CO2 concentration.

- Concepts shared - indoor air quality in school and its relationship with health, wellbeing and human performance.
- Different students were in charge of controlling IAQ monitoring equipment and of opening windows along selected periods.



1.9.2.9. Climate action code poster in Spanish ClimACT Schools.

Designation	Awareness campaign for the students: Climate action code poster in Spanish ClimACT Schools.
Date	Academic year 2017/2018
Location	ClimACT Spanish schools: <ul style="list-style-type: none">- IES Ortega y Gasset- CEIP Cardenal Cisneros
Partners involved	CIEMAT
Number of participants	166
Description	Development of ecocodes.



1.9.2.10. Construction of solar ovens in Spanish schools.

Designation	Awareness campaign for the students: construction of solar ovens in Spanish schools.
Date	Academic year 2017/2018
Location	CEIP Cardenal Cisneros, Spain
Partners involved	CIEMAT
Number of participants	18
Description	Construction of solar ovens using recycled materials.



1.9.2.11. Construction of solar ovens in Spanish schools.

Designation	Awareness campaign for the students: construction of solar ovens in Spanish schools.
Date	Academic year 2017/2018
Location	CEIP Cardenal Cisneros, Spain
Partners involved	CIEMAT
Number of participants	200
Description	Construction of solar ovens using recycled materials.



1.9.2.12. Design routes to go to school by bike, Spanish school.

Designation	Awareness campaign for the students: Awareness campaign prepared by the students and for the students - Design routes to go to school by bike.
Date	Academic year 2017/2018
Location	IES Gabriel García Márquez, Spain
Partners involved	CIEMAT
Number of participants	30
Description	Development of an activity where students had to plan/design routes to go to school by bike

1.9.2.13. Recycling in school, Spanish school.

Designation	Awareness campaign for the students: Awareness campaign prepared by the students and for the students - recycling in school.
Date	2018
Location	IES Ortega y Gasset, Spain
Partners involved	CIEMAT
Number of participants	360
Description	Contents about a good waste management were shared with students

1.9.2.14. Design of a christmas tree with recycled materials, Spanish school.

Designation	Awareness campaign for the students: Design of a christmas tree with recycled materials.
Date	Academic year 2016/2017
Location	ClimACT Spanish schools: - CEIP Cardenal Cisneros - IES Cardenal Cisneros
Partners involved	CIEMAT
Number of participants	100
Description	Students created a Christmas tree using recyclable materials.



1.9.2.15. LCA in the school and carbon Footprint in the School, Spain.

Designation	Awareness campaign for the students: Seminars. LCA in the school and carbon Footprint in the School.
Date	20 th Dec 2018 and 20 th March 2018
Location	ClimACT Spanish schools
Partners involved	CIEMAT
Number of participants	15
Description	Contents about LCA were shared in schools in order to alert the students about environmental sustainability.

1.9.2.16. Recycling in school, Proyecto ECOEMBES, Spain.

Designation	Awareness campaign for the students: recycling in school. Proyecto ECOEMBES
Date	Academic years 2016/2017 and 2017/2018
Location	ClimACT Spanish schools: - CEIP Cardenal Cisneros - IES Cardenal Cisneros
Partners involved	CIEMAT
Number of participants	757
Description	Contents about the importance of a good waste management were shared in schools.

1.9.2.17. Environmental issues - exhibition in school corridors, Spain.

Designation	Awareness campaign for the students: environmental issues - exhibition in school corridors provided by Municipality (Ayuntamiento de Alcalá de Henares)
Date	January 2018
Location	CEIP Cardenal Cisneros, Spain
Partners involved	CIEMAT
Number of participants	757
Description	Different materials were exposed in schools in order to alert students about the importance of the environmental sustainability.

- 1.9.1.1. Awareness campaign for students: ClimACT stand in 17th edition of the Spanish Science Fair, "Feria de la Ciencia". Pilot School: IES Chaves Nogales & IES Juan Ciudad Duarte.

Designation	Awareness campaign for students: ClimACT stand in 17th edition of the Spanish Science Fair, "Feria de la Ciencia". Pilot School: IES Chaves Nogales & IES Juan Ciudad Duarte
Date	16 May 2019
Location	Spain
Partners involved	USE
Number of participants	24
Description	Diferent activities were performed in schools in order to alert students about the importance of the environmental sustainability.

- 1.9.1.2. Awareness campaign: World Environment Day, IES Gabriel García Márquez.

Designation	Awareness campaign: World Environment Day, IES Gabriel García Márquez
Date	5 June 2019
Location	IES Gabriel García Márquez, Spain
Partners involved	CIEMAT
Number of participants	140
Description	Diferent activities were performed in schools in order to alert students about the importance of the environmental sustainability.

1.9.3. France

- 1.9.3.1. Solaris contest and solar oven contest at La Rochelle ClimACT schools

Designation	Awareness campaign for the students: The solaris contest, awareness campaign for solar energy, solar oven contest, at La Rochelle ClimACT schools
Date	21 st June 2018
Location	ClimACT schools in France: <ul style="list-style-type: none"> – Laleu school – Bongraine School – Profit school – Grandes Varennes School
Partners involved	VLR, ULR

Number of participants	75
Description	During the academic year 2017/2018, four schools from La Rochelle prepared and built a solar oven. On the Solaris day, the children and their teacher presented their oven to the jury.





1.9.3.2. Sustainable mobility at Bongraine School

Designation	Awareness campaign for the students: sustainable mobility, Bongraine School.
Date	20 th September 2018
Location	Bongraine School, La Rochelle, France.
Partners involved	VLR, ULR
Number of participants	152
Description	<ul style="list-style-type: none"> • The Bongraine School has committed to a plan for the use of cycling. • The ULR supported this action by purchasing 10 bikes for the children who don't have one, and by paying a bike training at the school place for two classes



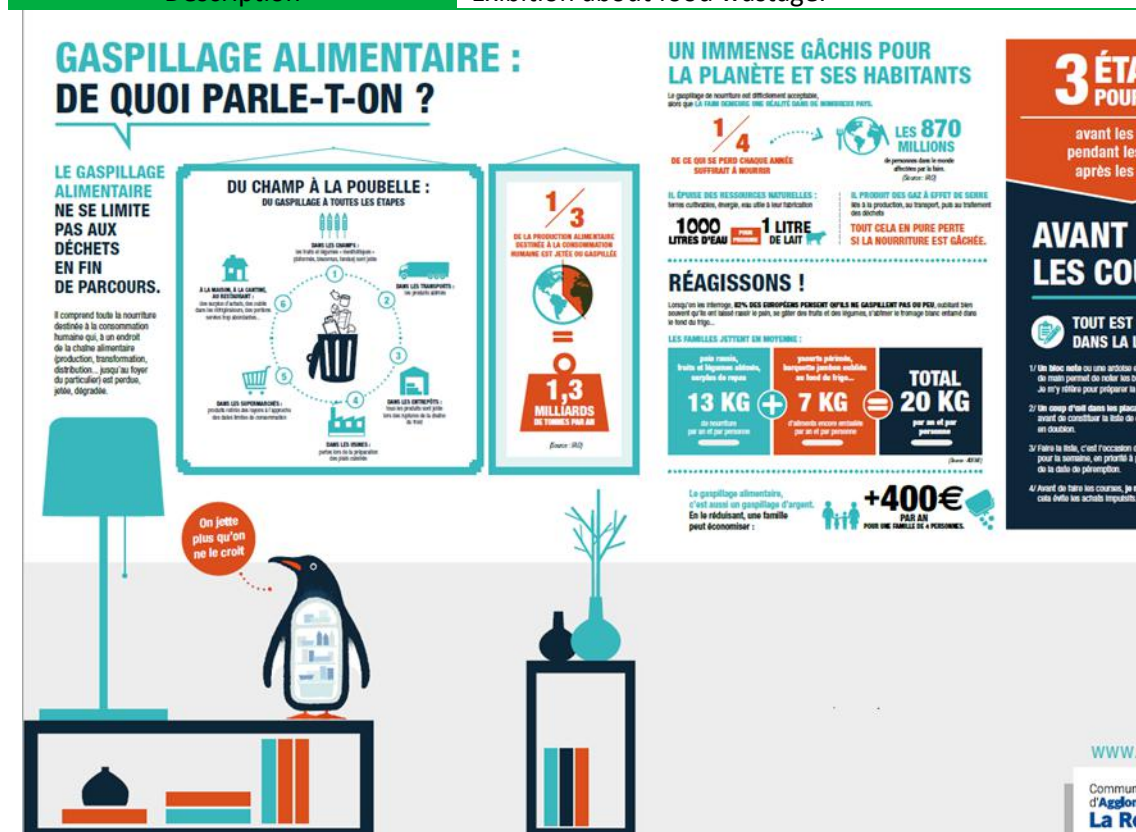
1.9.3.3. ClimACT Action Code at French ClimACT schools.

Designation	Awareness campaign for the students: Climate action code at French ClimACT schools.
Date	Academic year 2017/2018
Location	ClimACT schools in France: – Berthelot, Bongraine, Laleu, Jean Bart, G.Varenne, and B. Profit's schools
Partners involved	VLR, ULR
Number of participants	180
Description	ClimACT French schools were invited to create their Eco-Code where included their commitment to improve their eco-actions.



1.9.3.4. Food wastage reduction exhibition for student and parent, Berthelot school.

Designation	Awareness campaign for the students: Food wastage reduction exhibition for student and parent, Berthelot school.
Date	May 2018
Location	Berthelot school, La Rochelle, France
Partners involved	VLR, ULR
Number of participants	130
Description	Exhibition about food wastage.



1.9.3.5. Awareness Campaign about waste and in particular cigaret butt. Distribution of pokcet ashtrat and ashtray games for parents.

Designation	Awareness Campaign about waste and in particular cigaret butt. Distribution of pokcet ashtrat and ashtray games for parents
Date	21st June 2018
Location	La Rochelle, France
Partners involved	VLR
Number of participants	35
Description	Interactive presentation and activity about waste management.

1.9.3.6. Food wastage reduction theater piece for students of Bongraine School.

Designation	Awareness campaign for the students: Food wastage reduction theater piece for students of Bongraine School
Date	29 th June 2018
Location	Berthelot school, La Rochelle, France
Partners involved	VLR, ULR
Number of participants	100
Description	Performance about food waste, palyed by the students.



1.10. Awareness-raising campaigns for parents

1.10.1. Portugal

1.10.1.1. Mock-ups and models about climate changes/environment at Loures InSS, Portugal.

Designation	Awareness campaign prepared by students for parents/community: Students from Loures schools prepared mock-ups and models about climate changes/environment to be presented in Loures InSS 2018.
Date	2 nd – 4 th June 2018
Partners involved	ABAE, IST
Location	Parque Urbano de Santa Íria de Azóia, Portugal.
Number of participants	500
Description	The students gave presentations on the Greenhouse Effect and its consequences. In addition, they developed mock-ups.



1.10.1.2. Mock-ups and models about climate changes/environment at Loures InSS, Portugal.

Designation	Awareness campaign prepared by students for parents/community: Students from Loures schools prepared mock-ups and models about climate changes/environment to be presented in Loures InSS 2017.
Date	2 nd – 5 th June 2017
Partners involved	ABAE, IST
Location	Parque Adão Barata, Loures, Portugal
Number of participants	1500

Description	The students gave presentations on the Greenhouse Effect and its consequences. In addition, they developed mock-ups.
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1.10.1.3. Carnival parade from portuguese ClimACT school, Portugal.

Designation	Awareness campaign prepared by students for parents/community: Carnival parade from Escola Prior Velho, Loures, Portugal.
Date	Academic year 2017/2018
Partners involved	ABAE, IST
Location	EB 1/JI Prior Velho, Portugal
Number of participants	35
Description	<ul style="list-style-type: none"> - Students prepared their carnival masks reusing material, with the contribution of their parents. - Their work was showed at a final parade. - Objective: promote recycling and good environmental practices among students.



1.10.1.4. Spring tree construction from Portuguese ClimACT school, Portugal.

Designation	Awareness campaign prepared by students for parents/community: Design of a spring tree with recycled materials in Escola Prior Velho, Loures Portugal.
Date	Academic year 2017/2018
Partners involved	ABAE, IST
Location	EB 1/JI Prior Velho, Portugal
Number of participants	35
Description	<ul style="list-style-type: none"> - Students designed and created a Spring Tree reusing materials with the collaboration of the students' families. - Objective: promote recycling and good environmental practices among students.



1.10.1.5. REUSE campaign from portuguese ClimACT school Loures, Portugal.

Designation	Awareness campaign prepared by students for parents/community: REUSE – celebrate special days by recycling daily goods, Escola EB1 Padre Manuel de Castro, Portugal.
Date	Academic year 2017/2018
Partners involved	ABAE, IST
Location	Escola EB1 Padre Manuel de Castro, Portugal.
Number of participants	35
Description	<ul style="list-style-type: none"> - Reuse of materials to create original gifts - Organized by LCC of the pilot school and supported by members of the ClimACT survey and had the contribution of the students' families - Objective: promote recycling and good environmental practices among students.



1.10.1.6. Reuse is better than recycle, Portugal.

Designation	Awareness campaign prepared by students for parents/community: Reuse is better than recycle , EB 2,3 Maria Veleda
Date	5 th June 2018
Partners involved	ABAE
Location	EB 2,3 Maria Veleda, Portugal
Number of participants	45
Description	- Objective: promote reuse actions showing the importance of it, as a first option in terms of environmental framework.





1.10.1.7. Development of a vídeo promoted by the School coordinator with volunteer students.

Designation	Development of a vídeo promoted by the School coordinator with volunteer students
Date	3 May 2019
Partners involved	ABAE
Location	Loures , Portugal
Number of participants	15
Description	Sharing information and knowledge about the importance of the environmental sustainability

1.10.1.8. Ocean's exposition.

Designation	Exposition about the importance of the oceans with works developed by the students
Date	November 2018
Partners involved	ABAE
Location	Loures , Portugal
Number of participants	1844
Description	Sharing information and knowledge about the plastic pollution and its important management.

1.10.1.9. SOS water.

Designation	SOS water – waste management activities
Date	3 november 2018
Partners involved	ABAE
Location	Loures , Portugal
Number of participants	50
Description	Diferent activities were performed in order to share knowledge about the importance of the resource water and its correct management

1.10.1.10. Field trip - Healthy lifestyle.

Designation	Field trip to promote healthy lifes.
Date	28 April 2018
Partners involved	ABAE
Location	Loures , Portugal
Number of participants	30
Description	This activity aimed to promote healthy lifestyles in the community.

1.10.1.11. Instagram sharing.

Designation	Sharing of activities performed in schools in Instagram.
Date	Academic year 2018/2019
Partners involved	ABAE
Location	Loures , Portugal
Number of participants	900
Description	This activity aimed to share activities performed in schools.

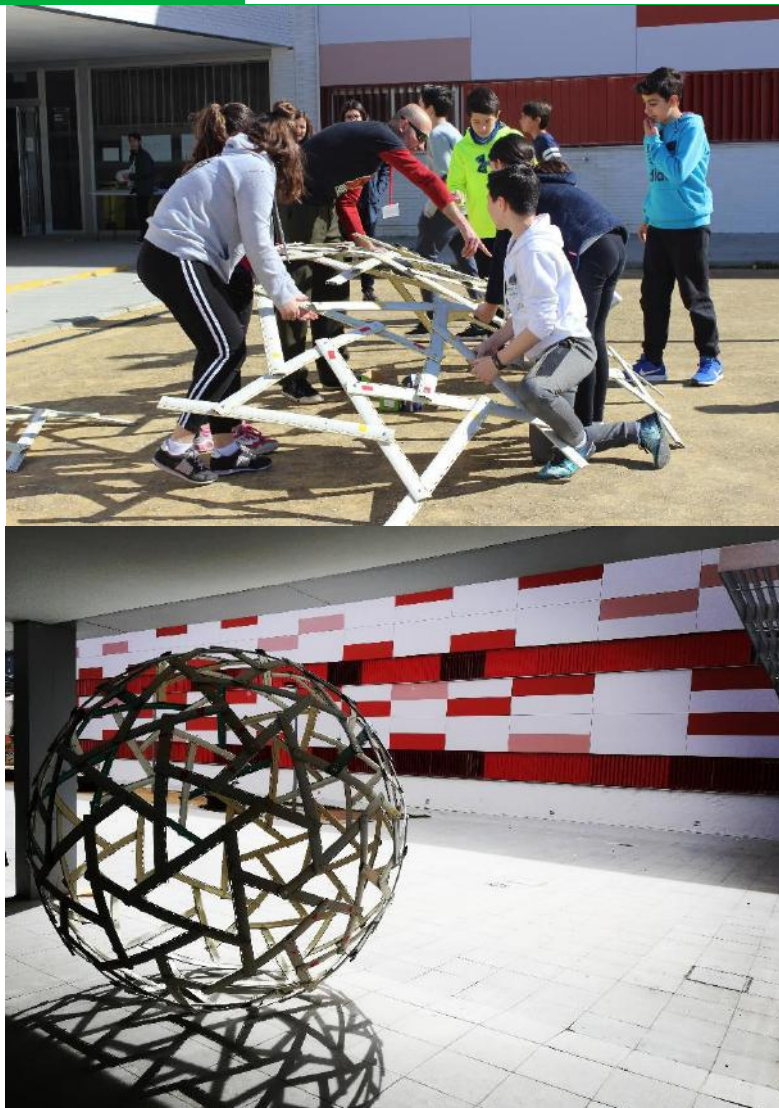
1.10.1.12. Forest exposition.

Designation	Exposition about autochthonous trees in EB 2,3 MSCarneiro, Portugal
Date	28 April 2019
Partners involved	ABAE
Location	Loures , Portugal
Number of participants	900
Description	This activity aimed to promote the knowledge about autochthonous trees.

1.10.2. Spain

1.10.2.1. Recycling of roller shutter slats, Spain.

Designation	Awareness campaign for parents/community: Recycling of roller shutter slats
Date	21 st March 2018
Location	IES Chaves Nogales, Spain
Partners involved	USE
Number of participants	100
Description	<p>The activity consisted of construction of a geodesic structure using reused roller shutter slats by students, and the Ctrl+z company and ClimACT researcher members explained the procedure for construction.</p> <p>The objective was raise awareness in students about the potential of recycling.</p>



1.10.1.1. #YoClimACTuo Social Media Challenge, Spain.

Designation	Awareness campaign for parents and the whole educational community. #YoClimACTuo Social Media Challenge
Date	June 2019
Location	Spain
Partners involved	CIEMAT
Number of participants	20
Description	Students, parents, community shared pictures in social media (twitter, Instagram, Facebook), showing an example of a "green or environmental action" such as recycling, saving energy, and, at the end, the pictures which got more "likes" won an award



Interreg Sudoe

ClimACT

Y tú, ¿cómo climACTúas??

Challenge Climact

#YoClimACTuo

Premio a la *climactuación*
con más *likes* en redes sociales

f i t

¿Cómo participar?

Comparte una foto realizando una actividad que ayude a conservar el planeta y contribuya a promover una economía baja en carbono con el hashtag #YoClimACTuo

Puede estar relacionada con reciclar, reducir tu consumo de energía o agua, o mejorar la eficiencia energética de tu casa,...pueder ser aquella que realizas en el trabajo, en casa, en tu tiempo libre o en el colegio, con amigos, con la familia o por tu cuenta...

Después espera los *likes* que recibirá, y el día 20 de Junio de 2019 publicaremos el ganador y el premio.

CIEMAT ABAE CC BY-NC-SA

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1.10.3. France

1.10.3.1. Renewable Energy Awareness Day, France.

Designation	Awareness campaign prepared by students for parents/community: Renewable Energy Awareness Day in Laleu school, La Rochelle, France
Date	7 th June 2018
Partners involved	VLR
Location	Laleu school, La Rochelle, France
Number of participants	20
Description	Conference for parents about enewable Energy.

1.10.3.2. Awareness campaign about waste management, France.

Designation	Awareness Campaign about waste and in particular cigarette butt. Distribution of pokcet ashtrat and ashtray games for parents
Date	21 st June 2018
Partners involved	VLR
Location	La Rochelle, France
Number of participants	100
Description	Interactive presentation and activity about waste management.

1.10.3.3. Sustainable mobility, France.

Designation	Awareness campaign prepared by students for parents/community: Sustainable mobility, Parent activity for Bongraine School.
Date	20 th September 2018
Partners involved	VLR
Location	Bongraine School, La Rochelle, France
Number of participants	32
Description	All the pupils were invited to come by foot, kick-scooter or bike to the school. An info-point for parent with information about the school project about mobility, and about the climACT project were inviting parent to act around this thematic. Also an NGO were checking the condition of children bike and advising parents about the soon-to-do repairs



1.10.3.4. After school activity leaders of the municipality, France.

Designation	Awareness campaign prepared by students for parents/community: ClimACT awareness Campaigning for after school activity leaders of the municipality.
Date	28 th August 2018
Partners involved	VLR
Location	Bongraine School, La Rochelle, France
Number of participants	30
Description	This meeting aimed to present the ClimACT project to all the after school activity leader during one of their training.

	Those leaders take care of the students before and after school and the Wednesday. Those activities take place inside the school. We presented the ClimACT project globally and ClimACT educational tools and E-learning platform.
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1.10.3.5. Food wastage reduction, France.

Designation	Awareness campaign prepared by students for parents/community: Awareness Campaign about food wastage reduction with canteen worker and activity leader. Berthelot and Bongraine School.
Date	28 th August 2018
Partners involved	VLR
Location	Berthelot and Bongraine Schools, La Rochelle, France
Number of participants	12
Description	During one afternoon, 12 Leaders and cooks from the school canteen were trained about food wastage reduction. This formation was organized by the municipality of La Rochelle

1.10.4. All partners

1.10.4.1. ClimACT film.

Designation	Awareness campaign prepared by students for parents/community: Preparation of a film to be disseminated by the ClimACT project (website; week of the regions; in events; etc)
Date	2018
Partners involved	IST, UniGib, VLR, CIEMAT
Location	Portugal, France, Spain, Gibraltar
Number of participants	31
Description	<ul style="list-style-type: none"> - Preparation of a film in each ClimACT country. - Participation of school community and technical team.



1.10.4.2. "Interreg talks: 6 projects, 1 slam".

Designation	Awareness campaign prepared by students for parents/community: presentation in "Interreg Talks: 6 projects, 1 slam", organized by the Interact Program, at the European Week of Cities and Regions 2018, 10 October 2018, Brussels, Belgium
Date	10 th October 2018
Partners involved	IST
Location	European Week of Cities and Regions 2018, Brussels, Belgium
Number of participants	80
Description	<ul style="list-style-type: none"> - ClimACT project was selected as a finalist at the "Interreg talks: 6 projects, 1 slam". - ClimACT team prepared a performance with 4 children of ClimACT school, one per country in order to show the impact of the project in their schools. - ClimACT won the 2nd place.

