

Project
LIFE IP SMART WASTE
LIFE 16 IPE FR 005

Support regional planning for
waste prevention and management

Development of dynamics within the
framework of the circular economy



**Final Monitoring and
Evaluation reports**



On June 2018, all partners have validated the Monitoring plan files which permit to check progress for each concrete action. Moreover, the first version of the Monitoring plan was elaborated with all partners and submitted to Neemo/Elmen for validation.

It includes 3 online documents:

- First one regroups quantitative indicators for each operation
- Second one permits to monitor planning, budget and to put comments for each concrete operation
- Last one is similar but for each complementary operation

This action is managed by Region's Team at 2 levels:

1. Before each steering committee meeting, the partners were updated 2 times a year online monitoring tables, namely:
 - [Monitoring Plan: implementation and result indicators of concrete actions](#) which has been elaborated with partners in 2018 (cf. Action A) and validated by external assistance. Each sub-action has its own impact indicators.
 - [Progress of concrete actions](#) which represents each concrete operation's status and details as planning or deviation or incurred expenses.
 - [Progress of complementary actions](#) which represents each complementary action's status and details.
2. The ORD&EC unit compiles each year the activity reports of the local authorities in charge of waste collection and treatment and of the operators in the region in order to produce a waste management chart and summary sheets for the year N-2:
[Publications - ORD \(ordeec.org\)](http://ordeec.org)

Here is an extraction of main impacts monitored thanks to **Monitoring Plan**:

Actions	Priorities	Quantitative target (2025)	Result (2024)
C.1.3	Increase the number of organisations involved in actions to optimise waste management	295 organisations	15,301 organisations
C2.1	Increase the tonnages recovered at recycling centres	+15,000 t/year	+15,000 t/year
C.2.2	Increase the tonnages recovered from recyclable waste collections	+40,000 t/year	+20,000 t/year
C.2.3 / C.4.3 / C.4.4 / C.6	Increase capacity for recovering organic waste	+70,000 t/year	+20,000 t/year
C3 / C.4.4	Increase the number of employees trained through courses and the construction industry MOOC	200 employees	Over 1,500 employees
C.4.1	Increase the population covered by a local waste prevention programme	+770,000 residents	+2,500,000 residents
C.1.2 / C.4.2	Reduce the quantities of municipal waste collected thanks to reuse	-16,000 t/year	-2,500 t/year
C.4.3 / C.6	Increase the number of homes equipped for organic waste sorting	+32,500 homes	+94,000 homes
C.4.4 / C.4.5	Raise awareness among school pupils	100,000 pupils	270,000 pupils

The main impacts of the project are therefore monitored thanks to this control plan, supervised by the project team and its partners. Concrete operations have made it possible to achieve the quantitative objectives of the project. **The final results for the entire region will be fully measurable in 2026.**

In addition, the project team drew up and completed an **Evaluation plan** in the form of a table presenting the main indicators listed in the full proposal and their annual evolution, completed on the basis of the information available.

Expected results	2017	2018	2019	2020	2021	2022	2023	2024	Cumulative 2018 to 2024	Actions	Comments or deliverables
Thematic workshops	0	5 170 participants	9 408 participants	9 518 participants	10 704 participants	9 740 participants	11 735 participants	2 77 participants	55 3 352 participants	A/C6/D	Summary of exchanges between partners targeting optimisation of technical solutions (thematic workshops)
FAM trips	0	0	1	0	3	0	0	4	8	A/C6/D	Records and video reports of the FAM TRIP (EDUCTOUR)
News on the web site	0	11	33	58	20	30	36	20	208	A/C6/D	https://lifeipsmartwaste.eu/
Monitoring committees	0 (2 preparatory meetings)	2	2	2	2	2	2	2	14	A/C6/D	Summary of decisions by monitoring committees and the steering committees
Steering committees	0	1	0	2	0	1	1	1	6	A/C6/D	Summary of decisions by monitoring committees and the steering committees
Cumulative number of operations delivered	0	3	13	23	25	36	56	143	143	A/D/F	Updated project operation records (feedback files)
Cumulative number of feedback published (good practices)	0	3	13	21	21	34	50	110	124	A/D/F	Updated project operation records (feedback files)
Newsletter	0	0	2	1	1	1	1	2	8	A et E	Newsletters 2018/2024
Communication strategy plan	-	-	1	-	-	-	-	-	1	A et E	Strategic communication/awareness plan and implementation report for the first campaign

Expected results	2017	2018	2019	2020	2021	2022	2023	2024	Cumulative 2018 to 2024	Actions	Comments or deliverables
Reduce by 80kg/capita in 2020, then 120kg/capita, the quantities of non-hazardous non-inert household and similar waste stored in landfill sites compared with 2014 (223kg/capita) and consequently reduce interdepartmental transport of final waste.	887 537 tonnes stored (5 041 586 hab.) 176 kg/hab.	862 844 t (5 050 746 hab.) 171 kg/hab.	789 746 t (5 059 280 hab.) 156 kg/hab.	791 193 t (5 088 231 hab.) 155 kg/hab.	841 191 t (5 127 343 hab.) 164 kg/hab.	797 885 t (5 161 219 hab.) 155 kg/hab.	Available in July 2025	Available in July 2026	Available in July 2026	C1/C2/C4	Reduction of -68 kg/capita from 2014 to 2022 (-12%) and 10% in mass in 2014: 1,107,308 t stored for 4,964,859 inhabitants Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Increase in the tonnage of packaging waste recovered in the region	Packaging and paper: 178 970 t Glass: 109 887 t	188 812 t 117 149 t	197 017 t 123 697 t	191 526 t 126 252 t	206 253 t 133 868 t	207 390 t 137 283 t	Available in July 2025	Available in July 2026	Available in July 2026	C4	Packaging and paper: + 28 420 from 2017 to 2022 (+ 16%) Glass: + 23 714 t from 2017 to 2022 (+20 %) Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Number of people trained	1	0	14 (CT1) 107 (CD 13)	5 (CT4) 30 (CCGST)	1 (CCAA) 35 (Région) 11 (CCLGV) 30 (CCGST)	21 (CT1) 250 (Région) 72 (CD 13) 30 (CCGST)	36 (CCVBA) 250 (Région) 150 (CD 13) 30 (CCGST)	600 (Région) 30 (CCGST)	1 700	C3/D/E	Social developments et economic benefits
Online training (replays and MOOCs) and sharing of awareness-raising materials	0	0	1	7	10	9	13	4	44 replays et 4 sessions du MOOC BTP	C3/D/E	Summary of exchanges within building and works network in order to include local and sustainable purchasing in tenders

Expected results	2017	2018	2019	2020	2021	2022	2023	2024	Cumulative 2018 to 2024	Actions	Comments or deliverables
Increase in the number of schools involved in the fight against food waste and, more generally, in sorting waste at source on a regional scale.	24 primary schools equipped (CT1)	6 secondary schools equipped	31 (CT1) et 11 schools (CCLGV)	49 secondary schools	15 secondary schools 9 high schools equipped	25 secondary schools 50 high schools equipped	25 secondary schools 50 high schools equipped	- -	295 schools	C4	Final Monitoring and Evaluation reports
Cumulative number of studies and their summaries delivered	0	0	4	5	0	-	-	-	12	C5	Final Monitoring and Evaluation reports
New C6 operations	0	0	0	0	7	-	-	-	7	C6	Final Monitoring and Evaluation reports
Number of participants in :											
Steering committees	-	74	59	83	96	108	83	74	577	D	Summary of decisions by monitoring committees and the steering committees
Monitoring committee		92	-	146	-	92	80	88	498		
Population covered by the project	0%	100%	100%	100%	100%	100%	100%	100%	100%	D	Strategic communication/awareness plan and implementation report for the first campaign
Number of active associate beneficiaries, including the Region	0	18	18	18	31	31	31	31	31	D	See amendments
Number of new visitors to the website (cumulative)	0	200	1 200	2 200	2 700	3 500	4 700	5 300	5 300	D	https://lifeipsmartwaste.eu/
Number of pages viewed on the website	0	6 000	32 000	55 000	68 000	75 000	81 000	83 000	83 000	D	https://lifeipsmartwaste.eu/
Satisfaction surveys (workshops)	0	5	8	9	10	9	11	2	55	C6	Summary of exchanges between partners targeting optimisation of technical solutions (thematic workshops)

Expected results	2017	2018	2019	2020	2021	2022	2023	2024	Cumulative 2018 to 2024	Actions	Comments or deliverables
Number of new activities created by the project (5) (jobs/sales/new markets)	0	-	-	-	12	-	-	-	12	C1 à C6	Final Monitoring and Evaluation reports
Number of new waste management installations	768	805	821	829	835	847	854	Available in July 2025	Available in July 2025	C2.3 et C.6	Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Change in total expenditure (local authorities)	785 M€	882 M€	977 M€	922 M€	1 011 M€	1 052 M€	Available in July 2025	Available in July 2026	more than 7 000 M€	C.6	Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Jobs related to the collection, transport and treatment of municipal waste in the region (9,734 FTEs in 2015)	10 324 FTEs	10 982 FTEs	10822 FTEs	10 382 FTEs	10 192 FTEs	9 798 FTEs	Available in July 2025	Available in July 2026	Available in July 2026	D	Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Population covered by communication campaigns	0	1	1	-	-	-	-	1	1	D	Strategic communication/awareness plan and implementation report for the 2 campaigns
Greenhouse gas emissions from workshops	-	< 3 500 kgCO2e	<3 500 kgCO2e	< 3 500 kgCO2e	< 500 kg CO2e	< 500 kg CO2e	< 1 000 kg CO2e	< 1 000 kg CO2e	< 13 500 kg CO2e since 2018	D et C6	Ecological footprint
Corrective actions to reduce the project management footprint	-	Carpooling suggestions	Carpooling and collective bus proposals	Videoconference	Videoconference and collective bus proposals	Videoconference and collective bus proposals	Videoconference and collective bus proposals	Videoconference and collective bus proposals	Videoconference and collective bus proposals	D et C6	Ecological footprint
Green procurement in public contract	-	-	-	-	72%	-	-	-	80%	D	Ecological footprint

Expected results	2017	2018	2019	2020	2021	2022	2023	2024	Cumulative 2018 to 2024	Actions	Comments or deliverables
Environmental impact of waste management in the region	-	-	See environmental assessment of the regional plan	See https://www.ordrec.org/fileadmin/user_upload/Chapitre_X_-_Indicateurs_environmentaux_-_Tableau_de_bord_2020.pdf	See https://www.ordrec.org/fileadmin/user_upload/Chapitre_X_-_Indicateurs_environmentaux_2021.pdf	See https://www.ordrec.org/fileadmin/user_upload/TdB_2022_-_Chapitre_X_Indicateurs_environmentaux.pdf	Available in July 2025	Available in July 2026	Available in July 2026	D	Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Quantity of waste stored and produced in the region	1 616 078 t	1 474 683 t	1 297 884 t	1 215 382 t	1 320 106 t	1 268 781 t	1 209 071 t	Available in July 2025	Reduction of 410,007 t/an since 2017	C1 à C6	- 27% since 2017 Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Quantity of organic waste treated	682 196 t	694 556 t	647 691 t	665 200 t	709 300 t	664 300 t	Available in July 2025	Available in July 2026	Stabilité des quantités traitées entre 700 et 650 000 t/an	D	Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Number of people involved in the project	0	-	-	-	> 700 people involved	-	-	-	> 5 000 people involved	D	Summary of exchanges between partners targeting optimisation of technical solutions (thematic workshops)
Decrease in CO2 emissions linked to the management of non-hazardous non-inert waste produced in the region (transport and treatment) compared to 2017	- 1 496 016 teqCO2	4%	16%	-2%	0%	-7% 1 315 065 teqCO2	Available in July 2025	Available in July 2026	Available in July 2026	D	-7% since 2017 Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)
Reduce in land used for landfill (authorized perimeter outside 200m band)	479 ha	479 ha	422 ha	405 ha	393 ha	423 ha	406 ha	406 ha	73 ha less since 2017	D/C2/C4/C5	-15% since 2017 Annual dashboards of evaluation plan indicators and data sources (socio-economic, environmental and technical indicators)