



ADDEV MATERIALS

ENVIRONNEMENTAL POLICY



ADDEVMATERIALS

INTRODUCTION

ADDEV Materials was established in 2006 ; it is an intermediate-sized owner-managed company with more than 650 employees on 15 sites throughout the world and sales of 150 million euros.

As a designer and manufacturer of customized sustainable materials solutions—tapes, foams, technical films, adhesives, chemical products –, ADDEV Materials ensures responsible industrial performance for its clients in the Aerospace & Defense, Mobility & Industries and Healthcare & Hygiene markets.

ADDEV Materials is an expert manufacturer and distributor and also provides genuine know-how in terms of:

- Converting technical films and adhesive solutions
- Customized packaging of chemical products

As a high-performance material converter, we are in the middle of the value chain. As such, we ensure that we take into account the expectations of our internal and external stakeholders and our responsibilities, by integrating respect for the environment into our daily actions.

ADDEV Materials strives to minimize its carbon footprint and energy use significantly by 2030. The achievement of this objective must be accompanied by a resolute commitment towards this policy.

PURPOSE

The aim of this policy is to set up qualitative commitments and quantitative targets in line with our objective of reduce greenhouse gases emissions, reduce energy consumption, minimize waste, source eco-friendly products and educate our stakeholders to environmental issues.

SCOPE

The contents of this policy are intended for all employees, part time workers, interns for all sales offices and production sites around the world.

GLOBAL COMMITMENTS AND TARGETS

ADDEV Materials commits to comply with relevant regulations, policies and procedures with regard to sustainable energy consumption and greenhouse gas emissions

In relation to the UN Global Compact, we act towards sustainable development goals N° 12, regarding responsible consumption and production.

Our main commitments will contribute to the European objectives to reduce by 55% our greenhouse gases emissions until 2030 (vs 1990) and that renewable energies will contribute up to 40% of our energy sources.

Our main commitments will contribute to the French low carbon national strategy (reduction of GES by 81% in 2050 (vs 1990), 33% of Renewable energy in 2030).

Our main commitments and targets are the following :

1. Reduce our greenhouse gases

- 100% of our sites covered by green energy contracts for electricity
- Annual carbon footprint analysis
- Decarbonization accelerator program and tools implementation

2. Reduce our energy consumption and move to renewable energy sources

- 100% of our sites using LED green equipment
- Insulation audit performance done on 100% of our sites
- Continuous investment in new green equipment each year
- Reduction of our gaz & electricity consumption by process optimization and implementation of best practices
- Digital sobriety
- 100% of our company cars changed for hybrid / electric or low consumption (<7l/100km) models

3. Minimize our wastes, optimize sort and recycling

- Sort 100% of our wastes, in production sites and offices
- Monitor waste recovery solutions and ensure maximum recycling

4. Source eco-friendly solutions

- Involve our suppliers in the search for alternative materials
- Engage in sustainable purchasing regarding raw materials, which represent the bulk of Group's carbon footprint, by sourcing more eco-friendly products

5. Create awareness and educate stakeholders

- Communicate towards our teams on carbon footprint impact
- Educate 100% of our teams on sort & recycle wastes, GHG reduction and energy savings

POLICY MEASURES

ADDEV Materials identifies different kind of measures, with some specifications according its sites, depending on if they are production sites or offices.

1. GENERAL MEASURES

1.1 - Energy consumption & GHGs

ADDEV Materials :

- Is conducting annually carbon footprint analysis, on scopes 1, 2 and 3, broadening scope 3 year on year.
- Is engaged in “Decarbonization accelerator” program and Coq vert Community, managed by BPIFrance and ADEME - 24 months program to engage the company in energetic transition
- Follows standards of globally known environmental management systems, such as ISO 14001 already implemented at ADDEV Materials Converting Pittsburgh
- Uses green energy contract in France and is deploying green energy contracts in all our sites in the world
- Improves its energy efficiency through technology or equipment upgrades :
 - Investment into energy conservation measures by upgrading led lighting at sites and building insulation
 - Investment into producing renewable energy with solar panels on certain sites
 - Investment in low carbon energy building for its new sites
- Reduces its IT electricity consumption by removing physical computer servers and virtualizing them on all its sites. (example on Toulouse : removal of 7 computer servers : 84kWh of energy saving on this site)
- Reduces its carbon emissions in transportations by implementing a car policy integrating CSR criterias, such as gasoil consumption. For its freight transport, the company is also implementing CSR criterias towards our partners.
- Educates all employees on carbon footprint impact

1.2 - Water consumption

Since ADDEV Materials is not using significant water volumes in its processes and activities, the focus for this topic is only put on awareness and education towards our employees to preserve water.

1.3 – Raw materials

ADDEV Materials :

- Trains purchasing employees on sustainable sourcing
- Works with suppliers to source alternative sustainable solutions, such as green tapes
- Focus on local suppliers to reduce transport impact
- Follows compliance with regulations concerning the labelling, storage, handling and transport of dangerous goods

1.4 – Wastes & End of life products

ADDEV Materials :

- Sort 100% of our wastes, in production sites and offices, and put in place suitable container for each waste, to ensure security and optimize recovery.

- Realize waste diagnosis to determine type and volume of waste per type and identify best treatment channels with a focus on recovery. Process should be done for each new material.
- Identify possible areas of improvements

In order to reduce our product's carbon footprint year on year and minimize wastes, we are also committed to measure, manage and reduce the footprint of our products.

A specific program (G-PACK) is currently ongoing to develop new eco-design solutions regarding our custom packaging activities :

- Use of recycled PET, cardboard mastic tubes
- Move from rigid containers to flexible containers (less volume, less waste)
- Develop a "collect & refill" solution to re-use packaging
- Reduce secondary packaging if unnecessary

1.5 Users'health and security

ADDEV materials provides Technical and Safety Data Sheet to consumers for each dangerous products the company is selling

2- PRODUCTION SITES SPECIFIC MEASURES

- Invest in new equipment upgrades to reduce energy consumption : solar panels, low carbon building
- Investigate which production machines use the most energy and researches possible efficiency increase solutions, such as behaviour change or replacement
- Investigate opportunities to purchase more renewable energies
- Set up event to explore alternative solutions to commute : electric bikes, train, public transport
- Sort and recycle wastes
- Put in place some carbon offset waste program on some sites, like in Wittelsheim
- Share best practices among different sites in terms of lighthing, waste reductions, etc.
- Focus on possible local pollution sources such as :
 - noise nuisances : regular studies done to measure and control noise level
 - dust extraction

3- OFFICES SPECIFIC MEASURES

- Communicate standard guidelines on energy consumption, GES emissions, waste production
- Set up event to explore alternative solutions to commute : electric bikes, train, public transport
- Minimize commuting by offering flexible working conditions such as work from home, via corporate VPN, using videoconferencing solutions
- Use renewable energy by purchasing green electricity
- Sort and recycle wastes
- Reduce the energy consumption by using the cloud technologies to minimize the need for servers

- Implement digital sobriety approach through a reasoned purchase of computer equipment :
 - Purchase of reconditioned computers
 - Replacement of defective parts
- Promote sustainable consumption by reducing paper use and printing “black & white” / “double sided”
- Reduce single uses cups by promoting reusable “Eco-cup”

Approval of policy

Name : Pascal NADOBNY, CEO & Chairman ADDEV Materials

Date : 01st October 2021

