

## Sustainability

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# Examples for Accelerator Solutions clustered by specific sustainability criteria

Across all customer industries around 14,000 Accelerator solutions have been identified. To qualify as an Accelerator, a solution must make a substantial contribution to at least one designated and relevant criteria of sustainable development while not having significant negative impacts on another relevant area of sustainable development. Find out more about our Accelerator solutions and their substantial contribution to sustainability by selecting a specific sustainability criteria in this section.

		Industry					
		 Transportation	 Construction	 Consumer Goods	 Health & Nutrition	 Agriculture	 Energy & Resources
Sustainability Criteria	 Cost savings downstream						
	 Resource efficiency						
	 Biodiversity & Renewables				+		
	 Water						
	 Climate change & energy				+		+
	 Health & Safety						
	 Emission reduction						+
	 UN Millenium Development Goals						



### Automotive

BASF offers a broad range of Accelerators for the automotive industry:

- Lightweight plastic materials to minimize the weight of cars, which results in higher fuel efficiency
- Catalysts to decrease harmful exhaust emissions, thereby improving air quality
- Integrated processes shorten the coating process by eliminating the primer and a baking step, thus showing clear advantages in energy consumption, greenhouse gases and VOC emissions
- Innovative fuel additive packages to keep engines valves clean, thus reducing fuel consumption and exhaust emissions



### Packaging

Packaging helps to minimize food losses and lengthen shelf life.

BASF is working constantly to improve the capacity of its solutions to protect goods and to enhance the environmental footprint of packaging:

- Polyamide films for flexible packaging enable less material use compared to rigid packaging
- Water-based resins for flexible printing reduce air emissions compared to solvent-based technologies
- Bio-based or compostable materials allow for improved environmental performance in paper and plastic packaging

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