

2 ZERO HUNGER



ITALY

Biodegradable mulch films for sustainable agriculture and soil protection

RELATED SDGS GOALS



SDGS 169 TARGETS

- 2.4 Ensure sustainable food production systems
- 12.7 Promote public procurement practices that are sustainable
- 15.3 Combat desertification, restore degraded land & soil

PRIMARY COUNTRY

Italy

OTHERS

Spain, France, USA, Greece

(maize, industrial tomatoes and vines) with a saving in the use of water and a better yield of seeds.

2 IMPACT ON SOCIETY

1. enhancing agricultural productivity
2. improving the yield and quality of agricultural production
3. reduction to zero of agricultural plastic waste and no soil contamination (since the mulch film is fully biodegradable and with no toxic effect)
4. reduced carbon footprint (>50%)

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

Mulch films made of Novamont's Mater-Bi do not have to be recovered and disposed of at the end of the growing cycle, because biodegrades in the ground through the action of microorganisms, avoiding environmental concerns like the well-known "white pollution". Being compliant with major international standards for biodegradability in the soil, this mulch film brings about a saving in terms of time and resources. Novamont is also successfully testing it on crops which are not normally mulched,

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<https://www.novamont.com/eng/>



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<http://materbi.com/en/>



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<http://materbi.com/en/solutions/agriculture/>





ITALY

Improved organic waste collection in market areas through the use of biodegradable and compostable bags

RELATED SDGS GOALS



SDGS 169 TARGETS

- 11.3 Enhance inclusive & sustainable urbanization
- 12.4 Achieve the environmentally sound management of chemicals & wastes
- 12.7 Promote public procurement practices that are sustainable

PRIMARY COUNTRY

Italy

OTHERS

Replicable in other contexts and countries

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In 2016, Novamont, together with AMSA (public-owned company responsible for MSW management in Milan), led an experimental project with the aim to increase the source separate collection of biowaste in fifteen Milan open markets through the distribution of compostable bags made of Mater-Bi and sack holder trestles. The experimental results showed an extraordinary increase of the organic waste collected (+370%). This allowed to recover the biowaste through anaerobic digestion

thus producing energy and compost, a soil fertilizer, with valuable overall environmental benefits. Based on these results the biowaste collection is now extended to the all 94 open street markets.

2 IMPACT ON SOCIETY

1. Increasing organic waste source separation (+370% in Milan)
2. Improving street cleaning conditions of the stands after sales to allow reduced cleaning operations
3. Lower environmental impacts (i.e. GHG emissions, air quality) thanks to the energy and material recovery of organic waste

URL

<https://www.novamont.com/eng/>



URL

<http://materbi.com/en/solutions/waste-management/>



URL

<https://www.youtube.com/watch?v=6FPVcRnHyJD>





Snam commitment to fight Climate Change

RELATED SDGS GOALS



PRIMARY COUNTRY
Italy

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In the Strategic Plan 2019-2022, Snam promotes the use of natural gas as a flexible, programmable and low environmental impact energy source to support renewables in the decarbonisation of the country. Out of 5.7 billion euros of investment, 850 million euros are allocated to the TEC (Tomorrow's Energy Company) project, whose objective is to accelerate the innovation capacity of Snam and its assets to seize the opportunities offered by the evolution of the energy system. The TEC project will focus in particular on four main strategic lines: ensuring greater operational efficiency, reducing methane emissions, investing in the energy transition and promoting a growing focus on innovation.

2 IMPACT ON SOCIETY

Thanks to the TEC project, Snam has set a natural gas emission reduction target of -25% to 2025 (-15% to 2022) compared to 2016, thus aiming at a lower environmental impact. In 2018, the actions implemented to reach this objective enabled a natural gas emission reduction of 7.9% compared to 2016.



URL

<http://www.snam.it/en/Sustainability/index.html>



Snam's commitment to fight corruption and promote business integrity



RELATED SDGS GOALS



PRIMARY COUNTRY

Any country where Snam operates or will operate in the next future, and all countries where Snam's Business associates are based

to undertake any appropriate initiative/action for the protection of its principles of business ethics, legality and transparency.

1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The Anti-Corruption policy is part of a broader business ethics control system adopted by Snam aiming to ensure the company's compliance with national and international laws and best practices. In particular, Snam strongly support a bottom-up approach and firmly believes that Companies shall not just be compliant with the law, but should also commit themselves to go beyond the same and doing more.

To prevent the risk of corruption in its supply chain, all suppliers and subcontractors of Snam are required to sign the "Ethics and Integrity Pact" that allows the execution of reputational analysis – based on public information – aimed at identifying indicators of irregularities or possible risks of criminal infiltrations. Through this pact Snam extends its fundamental business ethics principles to suppliers and subcontractors. Any violation of the pact allows Snam

2 IMPACT ON SOCIETY

The fight against corruption is an inherent part of Snam's "business conduct", and defines the principles Snam People is required to comply with. Therefore, Snam is confident that its efforts in spreading its business integrity culture among its supply chain, and fighting against any form of corruption, and in general illegality (inside and outside the Company), especially by means of preventive actions, will reduce any violation laws and regulations.

URL

<http://www.snam.it/en/governance-conduct/index.html>

