



From 21<sup>st</sup> May to 6<sup>th</sup> June 2019 the third edition of the [Sustainable Development Festival](#) took place. The Festival, organised by [ASVIS - Alleanza Italiana per lo Sviluppo Sostenibile](#) – and supported by [RUS - Rete delle Università per lo Sviluppo Sostenibile](#), is already established as a fixed event raising awareness among the Italian population about the [17 Sustainable Development Objectives](#), as identified by the [UN's Agenda 2030](#).

Under the banner «*Get a grip on our future*», more than a thousand events were held across the country to raise awareness about issues that concern all us closely.

The Politecnico took part in the event organising 20 initiatives, some in partnership with other institutions: conferences, seminars, panels, information desks, workshop activities, practical activities and even engaging bike rides.

These events have been organised to tackle and further understand issues such as: changes in our life styles, the importance of a circular economy in reducing our consumption of natural resources, wasting food and waste production; along with other topics such as urban redevelopment and the management of natural resources for sustainable development, in order to both oppose the loss of biodiversity, soil consumption and climate change.

The events calendar can be seen on the web site:  
[www.campus-sostenibile.polimi.it/-/festival-dello-sviluppo-sostenibile-2019](http://www.campus-sostenibile.polimi.it/-/festival-dello-sviluppo-sostenibile-2019)

This first issue dedicated to the 2019 Sustainable Development Festival marks the launch of a new information tool that concerns issues on sustainability.

**Sustainability News** aims to become an opportunity to gather – from the entire Politecnico community – suggestions, ideas and designs to keep the University's campuses at the forefront of sustainability, thanks to the awareness and commitment of all and every one of us.

## Summary

Pages 2-7  
*Sustainable Development Festival 2019*  
Pages 8-9  
*News in brief*



# Sustainable Development Festival 2019

## *Life Styles and Sustainability*

The seminar on **“Life Styles & Sustainability: promoting Health at University”** held on 21<sup>st</sup> May in the Politecnico’s Aula Magna officially kicked off the Sustainable Development Festival for 2019 at the University.

The initiative, born from the synergy between the Politecnico di Milano and University of Milan, in the framework of the [Città Studi Campus Sostenibile Campus](#) project aimed to tackle the issue of «life styles» and raise awareness to support the current shift towards more healthy and sustainable ways of living.

The first part of the seminar illustrated the results of a survey carried out among the students of both Universities based on a questionnaire developed by the University of Milan, followed by the main institutional activities enacted by the two Universities to promote healthy life styles, with specific reference to food services (canteens, etc.) and sports.

In the second part of the seminar, during a Work Table joined by members of the two Universities who work on the issues mentioned above, the discussion revolved around ideas, projects, potential innovations and instances proposed by the students.

The challenge now, following this event, is to gather further useful indications in order to define a strategy for improving university life styles to benefit the individual, the community and the planet.

Further information can be found on the CSCS project website: [www.campus-sostenibile.polimi.it/stilidivita](http://www.campus-sostenibile.polimi.it/stilidivita).



### *How can we improve university life styles?*

Do you wish put forward your ideas, proposals, designs – that can feasibly be applied to the University’s campuses?

Please contact the *CSCS Project Team* at:  
[campus.sostenibile@polimi.it](mailto:campus.sostenibile@polimi.it)



# Sustainable Development Festival 2019

## *Our plan to reduce CO<sub>2</sub> emissions*

On Wednesday 5<sup>th</sup> June the [Politecnico di Milano's Plan to reduce CO<sub>2</sub> emissions](#) was announced to the public.

The Plan was approved in the beginning of 2019 as part of the direction taken by the University's Governing Bodies to formally commit to reducing their emissions, compared to the year of reference 2015: -25% by 2025 e -35% by 2030.

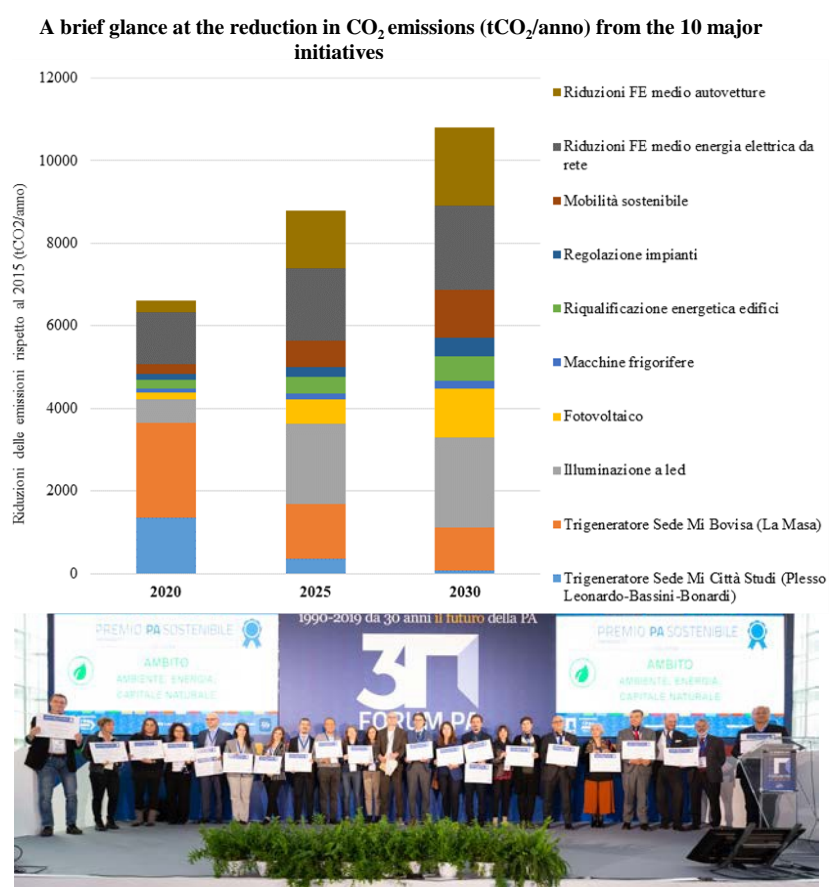
The Mitigation Plan – which drafting required the University's CO<sub>2</sub> emissions to be listed beforehand – illustrates an initial evaluation of the effects of 10 different interventions in the energy and transport sector on the emission reduction.

Putting together this Plan falls under the **"University's CO<sub>2</sub> project"**, run by the University's Sustainability Service, with the scientific support of Stefano Caserini, who teaches *Climate Change Mitigation*.

This Plan represents the outcome of an initiative launched a number of years ago, which is now taking the form of well-defined commitments and delineated actions throughout many different sectors, with the involvement of a variety of operators. In fact, its elaboration saw the collaboration of: the University's Energy Committee and Energy Manager, the ViviPoliMi project work group, the Technical Building Area, the University's Mobility Manager, the TRASPOL Transport Policy workshop (DASU), and a number of teachers and students involved in the writing of 20 theses.

The Plan – which won Politecnico the Certificate of Merit as part of the [2019 PA Sustainability Prize](#), having been recognised as a project that will play a key role in reaching the objectives of the UN's Agenda 2030 – is a concrete initiative on behalf of the University to help reduce green house gas emissions.

Further information can be found on the CSCS project website: <http://www.campus-sostenibile.polimi.it/-/il-piano-di-mitigazione-delle-emissioni-di-co2-del-politecnico-di-milano>



The **"PA sustainability prize. 100 projects to reach the objectives of Agenda 2030"** is an initiative promoted by the Public Administration Forum in partnership with ASviS (Alleanza Italiana per lo Sviluppo Sostenibile), to bring together the best projects and products that can help Italy tackle the many weaknesses at the heart of its development model, by choosing a path towards sustainable growth to follow and maintain beyond 2030.



**Want to do your part in making our University «low carbon»?**  
Contact the University's Sustainability Service - Carbon management:  
[serviziosostenibilita@polimi.it](mailto:serviziosostenibilita@polimi.it)





# Sustainable Development Festival 2019

## Sharing mobility @ POLIMI

On 22<sup>nd</sup> and 29<sup>th</sup> May the **Sustainability Days** were held at the Politecnico Milan campuses, during which multiple initiatives were carried out to promote sustainability. On 22<sup>nd</sup> May various activities were organised to encourage sustainable mobility, focusing in particular on shared mobility.

All shared mobility companies under agreement were invited to present their fleet and service, and to also illustrate the advantages that derive from this increasingly common form of mobility.

Readers should be reminded that partner companies, initially only 6, have been 16 since September 2018 6 car sharing;

- 4 scooter sharing;
- 1 bike sharing;
- 5 bus/shuttle services.

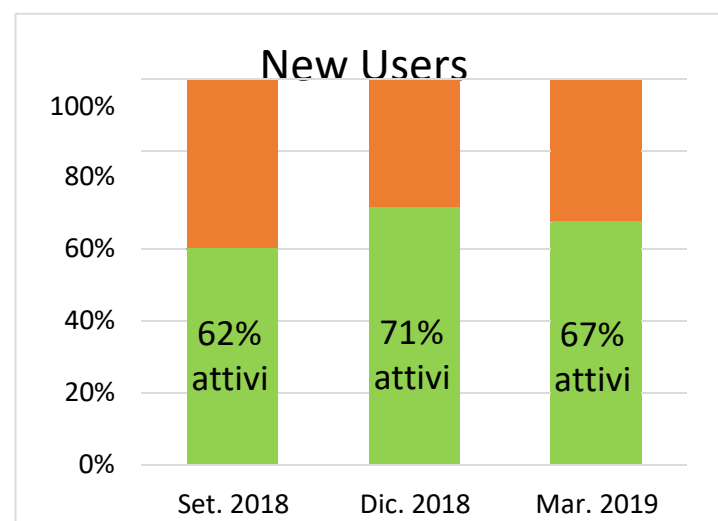
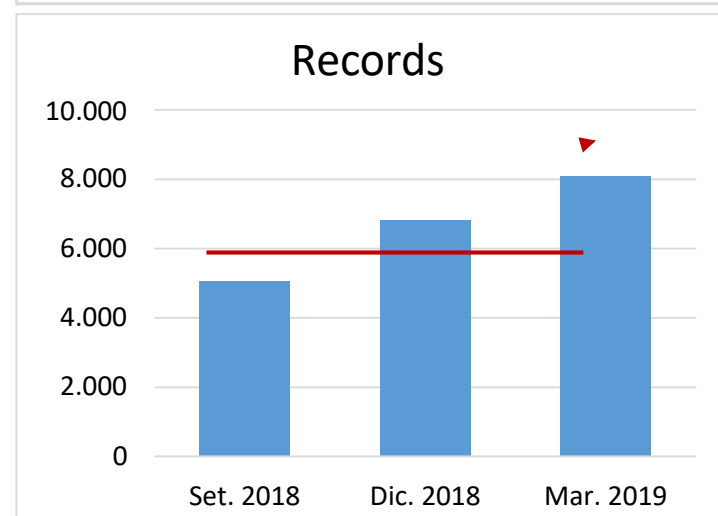
This wide variety of services available aims to inspire people to share their rides not only to get to the Politecnico but also in their free time.

From their launch to today, these partnerships have been used 8,000 times. Just in the first trimester of 2019 the number of active users surpassed 1,800.

Taking advantage of these agreements, the Politecnico has also been able to provide an electric car to be used by staff for duty travels. This opportunity was highly appreciated by the users, who had the opportunity to discover and try an electric car. The service was available for 9 months, during this time the car was rented 90 times and 450kg of CO<sub>2</sub> emissions were avoided, results in line with the University's commitment to reduce its green house gases emissions.

The University's activities for the promotion of shared mobility services were also the subject of a [video](#) put together for the "Contest of Best Practices on Sustainable Mobility at Universities", organised as part of the U-MOB LIFE project which saw the Politecnico win third place.

Further details regarding these partnerships can be found at: <http://www.campus-sostenibile.polimi.it/convenzioni>.



Active shared mobility partnerships analysis (period: September 2018 - March 2019).



**Any ideas on how to improve mobility at the Politecnico?**  
 Contact the University's Sustainability Service – *Mobility Management*: [mobility@polimi.it](mailto:mobility@polimi.it)

# Sustainable Development Festival 2019

## *Spratz, #stopsingleuseplastic and Casa dell'acqua*

During the **Sustainability Days** (22<sup>nd</sup> and 29<sup>th</sup> May), across the Politecnico di Milano locations, a number of initiatives were launched to raise awareness about shifting from a Linear Economy to a Circular Economy.

Specifically, the events were aimed to spread the message that «*the best waste is the waste you don't produce*». This implies both the need to rethink the design of objects and to lengthen their lifespan through reuse.

For the occasion the platform **SPRATZ - Supportare Pratiche di Riutilizzo Attivo di Zona** – was launched as part of the DASTU research project, in partnership with SSA.

Since, as the literature has shown, logistics and distance are a barrier for reuse and recovering used objects, SPRATZ intends to put people in touch who spend most of their days at the Politecnico. Unlike other platforms that exist, SPRATZ is one for the free trade of materials and objects for students, employees or even those who are just passing through the Politecnico di Milano campuses.

With regards to prevent waste and in order to make our University more and more *plastic free*, during the two Sustainability Days 800 students and employees were handed a **questionnaire on water consumption at the University**. The aim of this questionnaire is to create an initial mapping and to understand where to focus our attention to reduce the use of plastic bottles. The data is being processed right now!



**Want to contribute to the reuse of materials?**



Don't throw away things you won't use any more: make room in your home and on your desk by giving these items to others.

Participate in the new initiative, join the SPRATZ FB page:



Throughout the university there are 20 water distributors, which will become 40 by the end of the year.

Also the Casa dell'Acqua is available at the Giardini on Via Pascal - Giuriati Area, managed by MM S.p.A.

**Want to help make our University «plastic free»?**

Become a promoter for change! If you have any ideas, proposals or designs, contact the University's Sustainability Service:

[serviziosostenibilita@polimi.it](mailto:serviziosostenibilita@polimi.it)





# Sustainable Development Festival 2019

## *Exhausted Batteries Collection Project*

On 29<sup>th</sup> May, during the second **Sustainability Day**, at the Città Studi location, in order to raise awareness about the issue of Circular Economy with a focus on collecting and recycling, an information desk was set up to illustrate the [pilot project](#) developed by the Politecnico di Milano (by the University's Sustainability Service), in partnership with [ERP Italia](#) (a Collective System for gathering WEEE - Waste Electrical and Electronic Equipment) and [AMSA](#) (Municipality of Milano).

The project aims to raise awareness at the Politecnico – and with regards to the general public – about the issues concerning **the collection of waste batteries and accumulators** (waste that is identified in Italy as RPA), for the collection of which 25 containers have been placed in two of the Politecnico's Milan locations.

From the project's launch around 1,000 kg of batteries have been collected which, following adequate treatment, allow for the production of 300 kg of steel, 400 kg of raw materials for the metal industry (Mn and Zn) and 100 kg of mixed recoverable plastics (PE, PVC, etc.).

For further details check out the sustainable campus project website: <http://www.campus-sostenibile.polimi.it>.



**Want to contribute to the correct disposal of single use and rechargeable batteries?**

Use the containers spread throughout the University's Milan campuses!



# Sustainable Development Festival 2019

## *The great game of sustainability*

On May 29<sup>th</sup>, among the initiatives taking place during the **Sustainability Day** the «great game of sustainability» was presented at Politecnico di Milano. This activity was developed within [EnvLAB](#), the teaching laboratory operating in the Environmental and Land planning Engineering course. It consists in an awareness-raising activity, aimed at involving a non – expert audience in relation to some of the most relevant environmental challenges by means of gaming tool.

The game, conceived and created by two B.Sc. students under the supervision of researchers working on «Remediation Technologies and Resource Recovery» is addressed to six main topics: *water consumption, drinking water treatment, climate change, resource recovery, waste water treatment and air pollution.*

Through a series of questions, the participants can assess their knowledge about these topics and improve it by discussing among themselves and with the game promoters. Essentially, the game provides an easy and funny way to disseminate sustainability concepts that are usually perceived as complicated and boring by non expert audience.

During the Sustainable Development Festival, the game became a key opportunity for our students to interact about these issues, and a significant awareness about environmental sustainability emerged from the audience.





# News in brief

## Magnifici Incontri

The University of Udine on 29<sup>th</sup> and 30<sup>th</sup> May hosted the «**Magnifici Incontri**», organised by CRUI, which brought about the creation of the Manifesto: «*From Universities for Sustainability to Sustainability in Universities*».

The Manifesto, presented at the Ministry for Education, Universities and Research, acknowledges the fundamental role played by Universities in implementing the SDGs of the UN's Agenda 2030, suggesting the realisation of concrete initiatives along various lines of action.

The Manifesto is intended for the Government, the Institutions and Universities for launching project-defining and decision-making procedures in the near future and closes with "*the commitment of the RUS - Rete delle Università per lo Sviluppo Sostenibile (a Network of Universities for Sustainable Development) – to prepare a National Implementation Plan following Sustainable Development Goals (SDGs)*".

Further details and documentation can be found on the CSCS website: <http://www.campus-sostenibile.polimi.it/-/magnifici-incontri-polimi-contribuisce-all-elaborazione-del-manifesto-tipo->



### Read the Manifesto for Sustainability in Universities

Send ideas for concrete initiatives to the University's Sustainability Service: [serviziosostenibilita@polimi.it](mailto:serviziosostenibilita@polimi.it)

## The Politecnico Mobility Survey is under way

The 2019 edition of the questionnaire on the mobility habits of the Politecnico population is available on Online Services until **30<sup>th</sup> September**.

Knowing the mobility patterns of staff and students will help the University come up with initiatives aimed at encouraging a more sustainable form of mobility, with positive effects for both the environment and individuals.



### How do you get to the Politecnico? Take the survey.

Help us promote sustainable mobility!

Fill out the [questionnaire!](#)

It only takes 15 minutes





# News in brief

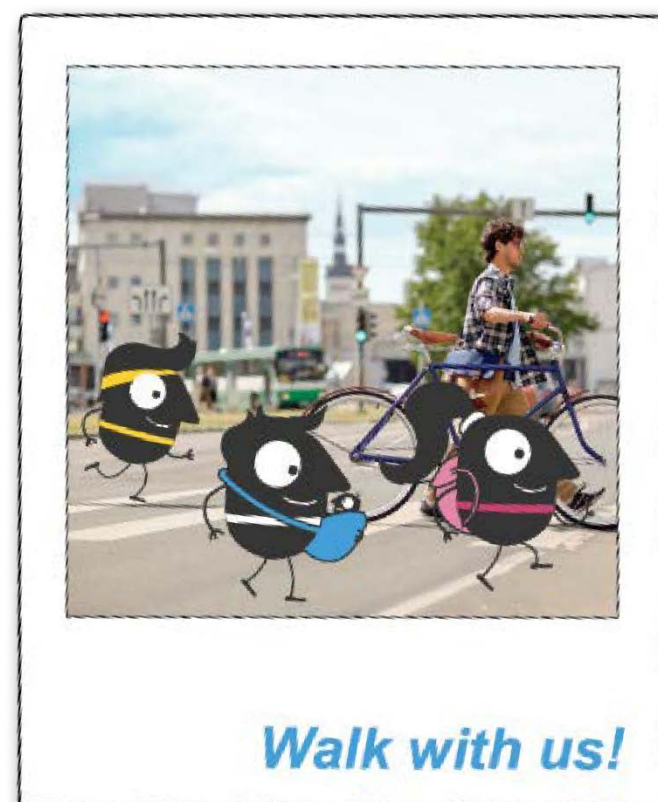
The [EMW \(European Mobility Week\)](#) is on its way (16<sup>th</sup> – 22<sup>th</sup> September)

The theme of this year's European Mobility Week is «Safe walking and cycling».

The focus will also be on the advantages that active mobility can give people in terms of health and their “wallet” along with, of course, protecting the environment.

On the EMW website users can read that a number of studies have demonstrated that (on average) cyclists tend to live two years longer than non-cyclists and spend 15% less work days on sick leave; a 25-minute fast walk a day can also add up to seven years to our life span.

Move sustainably! Join us for the EMW!



<https://youtu.be/OTbXtnpTAKU>

**What initiatives would you like to see at the EMW 2019?**

Send your proposal before **2<sup>nd</sup> August** to the *University's Sustainability Service - Mobility management*:  
[mobility@polimi.it](mailto:mobility@polimi.it)

## Premio Innovazione Amica dell'Ambiente

Until **15<sup>th</sup> September 2019** is possible to take part in Legambiente's competition, of which the Politecnico is a partner. For the current edition the competition is reserved for start-ups and spin-offs from Universities and businesses. Requirements and forms to take part can be found on the website: <http://www.legambienteinnovazione.org>.





**This E-Magazine was designed by the *University's Sustainability Service - SSA***

This number was possible thanks to the contributions by:

Manuela Antonelli, Paola Baglione, Christan Buurstee, Stefano Caserini, Veronica D'Arrico, Scila Melita Ficarelli, Giada Messori, Eugenio Morello, Eleonora Perotto, Giuseppe Salvia, Andrea Turolla, Maria Licia Zuzzaro.

**Sustainability News does not follow regular publication.**

**It is therefore not a periodical publication, in accordance with Law n. 47/1948 and Law n. 62/2001.**

For our upcoming next edition of **Sustainability News**, to be published in September, we ask you:

- to send us informations so that we can announce events or initiatives with a specific focus on issues concerning environmental sustainability, in its broadest sense, **before 2<sup>nd</sup> September 2019**. Every text cannot be longer than 700 characters, spaces included, and always must refer to the respective SDGs; please include also an image.
- To give suggestions to make this new informative tool truly useful and effective for the whole community.

Material and thoughts must be sent to: *Maria Licia Zuzzaro - Servizio Sostenibilità di Ateneo* ([serviziosostenibilita@polimi.it](mailto:serviziosostenibilita@polimi.it) - tel: 02 2399 2232).

## SUSTAINABLE DEVELOPMENT GOALS

