

June 2026

<https://greenergreen.eurscva.eu>

# SUSTAINABILITY NEWSLETTER



*The BTFWW mission is to educate and inspire our pupils to embrace a sustainable lifestyle and mindset and to take action to make the changes they feel are needed to improve the world around them. This newsletter showcases our school and community projects.*

## We are a Class A Green School!

Congratulations to the whole school for achieving Class A in the Primary and Secondary for Green School. To get this award is very difficult, and it shows how hard everyone has worked, but also how we work closely together as a whole school towards sustainability and are embedding it in everything we do through our BTFWW framework.



## Primary 'Most Sustainable Class'

Congratulations to **P1-2-3 NL with teacher Ann Nijhuis** who has won the Student Council 'Most Sustainable Class' Competition. All of the Primary classes were evaluated to see how well we reuse, recycle, reduce energy and waste, promote sustainability and grow plants.

Many classes had many excellent examples of great sustainability practices, with Special Commendation going to P2 FR Cecile Rousset Cooke, P1 IT Mara di Costanzo, P1 ENB Christobel Jean-Pierre and P2 IT Daniela Carugi - Well done to everybody!



## WEFE Nexus -

<https://greenergreen.eurscva.eu>

## Peer Education and Awareness Raising

There was a fantastic atmosphere in the Aula Magna May 6, when our Secondary Science and Technology Studies students presented a range of projects based on their learning on the WEFE Nexus: looking at the interconnected nature of water, energy, food production, and environmental health. The marketplace structure allowed for lots of peer learning and collaboration.



## Climate Fresk across the Primary and Secondary



Primary and Secondary students have participated in Climate Fresk workshops where they evaluate and prioritise world sustainability issues. Secondary students even facilitated Climate Fresk workshops with younger students. This engaging workshop is an amazing experience to help us all understand the real issues of climate change. Next year we are hoping to offer workshops in the parent community.

## JRC Workshops

An element of the Joint Research Centre expert visits appreciated by students and teachers alike this year is how well the scientists aligned with our target learning outcomes and Green School ethos. These expert visits helped reinforce one of the core aims of Green Week, empowering students to be informed, responsible citizens. We are extremely grateful to our visitors for their time, their knowledge, and their ability to make complex scientific ideas both accessible and engaging.



# Primary Green School Bin Project

The Primary Student Council led a project to evaluate and renew the external bins. With the help of Riccardo and Jacopo from the Maintenance Team who renovated the bins with new paint, they redistributed the locations of the bins, creating 'ecological islands' of 4 bins: paper, plastic, food waste and general. They held a poster competition across the Primary to design a poster for each bin.



**Good Night talks**  
**Merende equilibrate e sostenibili**  
**Martedì 10/03**  
**21:00**  
 Conference link: <https://bit.ly/3w8h30m>  
 https://bit.ly/3w8h30m  
 https://bit.ly/3w8h30m

ACSEV, in collaborazione con il Comitato Mensa, vi invita a un incontro con la biologa nutrizionista **Alessandra Giordani**, dedicato alla preparazione di merende sane, equilibrate e sostenibili per i nostri bambini.

L'incontro durerà **45'** e include una introduzione sulla corretta alimentazione dei **bambini dai 4 agli 11 anni**, seguita da strategie per garantire i nutrienti necessari per affrontare sia le giornate scolastiche brevi sia quelle più lunghe, tenendo conto del menù della mensa e delle attività pomeridiane (sportive e non).

Al termine dell'incontro verranno condivise le slide di presentazione e 20 ricette (in italiano ed inglese) adatte al calendario settimanale e al menù della scuola, con attenzione anche ad eventuali allergie e intolleranze.

È possibile inviare le vostre domande in anticipo possibilmente entro il 08/03 all'indirizzo: [massimo\\_dloguardi@hotmail.com](mailto:massimo_dloguardi@hotmail.com).



The Student Council and Parents led a Zero Waste Campaign for Green Week to reduce our waste and to make sure everybody recycles properly.



Our results showed a **63.96% savings in CO2 and 49% less plastic**. Well done everybody!

Congratulations to the winners of the Poster Competition:

- P2 - Jade and Ines**
- P5DE - Emma and Romi**
- P3 EN - Zofia**
- P4DE - Elizabeth**

# Litter Picking

Both Primary and Secondary classes have got more involved with litter picking this year for Green School. We plan to do more together next year.



## ESV School Days at the JRC

On Thursday, 23 April, we celebrated the conclusion of our **“School Days at the JRC – ESV”** collaboration, giving students the opportunity to explore real-world science and sustainability in action.

The culmination of this engaging project included a visit to the water, vehicles, and smart grids interoperability laboratories, and presentations of student projects that had been developed on these topics, following workshops led by JRC scientists earlier in the school year.

<https://greenergreen.eurscva.eu>



## ESSS - European Schools Science Symposium



Congratulations to S3 student S3 secondary cycle student, Matěj Hradec who won second place in the Junior section of the European Schools Science Symposium 2026, with his project, “Solvent-based recycling of multilayer plastic packaging using xylene as a dissolution medium”. The projects explores an innovative chemistry-driven approach to recycling complex plastic packaging to recover near-pure plastics while keeping costs low and reducing waste.

Other successful projects included a 3D-printed robotic arm for plant care in hydroponics and an experiment on the survival of crickets in cold environments.

Our 3D printing enthusiasts have since repaired items around the school such as lab covers and an office coffee machine, helping us to reduce consumption.



## Mousetrap Race 2026

We held our annual Mousetrap Race before the Easter break. Our cafeteria was transformed into a real race track, giving S3 Integrated Science students the opportunity to put into practice what they had learned in the “Work and Machines” unit. Race day was full of enthusiasm, with an impressive variety of engineering choices and inventive designs on display.



## Exploring Biodiversity at Oasi di Sant'Alessio

[mergreen.eurscva.eu](http://mergreen.eurscva.eu)

S1 students visited the Oasi di Sant'Alessio in Pavia for an in situ study of biodiversity conservation on May 5.

During the visit, students learned about protected species currently being cared for as part of conservation programmes before being reintroduced into their natural habitats.



## Biodiversity through Spanish



S2L1 Spanish students, took part in the European Life Insular project, which focuses on developing sustainable policies and protecting biodiversity on Atlantic islands. Their work centred on the Parque Nacional das Illas Atlánticas in Galicia. Older students delivered presentations on the Parque Nacional de Doñana in Andalusia, exploring its ecological importance and the challenges it faces.

## Tracking solar energy and reducing energy use

For Green School, Secondary students have been tracking our solar energy impact to better understand how we can be more responsible for our energy use.

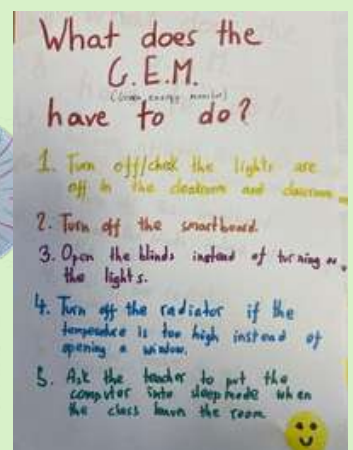


Datum:	Huidige opbrengst	Totale opbrengst	Dag opbrengst	Co2 bespaard
20/4/2026	14,9	355600kWh	/	200202kg
21/4/2026	57,1	355747kWh	147kWh	200285kg
22/4/2026	11,7	356152kWh	405kWh	200513kg
23/4/2026	31,9	356570kWh	418kWh	200748kg
24/4/2026	////	357179kWh	609kWh	201091kg
25/4/2026	////	357788kWh	609kWh	201434kg
26/4/2026	////	358397kWh	609kWh	201776kg
27/4/2026	58,0	359005kWh	609kWh	202119kg
28/4/2026	23,9	359299kWh	294kWh	202285kg
29/4/2026	23,2	359381kWh	82kWh	202331kg
30/4/2026	12,0	359674kWh	293kWh	202496kg

The Student's Recommendations:

- Automated energy saving systems
- Reduce the use of unnecessary electricity outside of school hours
- Improve school insulation
- Install an electric car charging station
- Replace remaining bulbs with LEDs
- Expand solar panels to other school buildings (currently installed on one of the two secondary buildings)

Primary P4 students have been examining our energy bills and have set up 'GEMS' Green Energy Monitor's for each class where students are responsible for turning off lights and computers.



## Whole-School LED bulb replacement

For a few years the school has been working to replace old bulbs with newer efficient LED bulbs to save energy and costs.

This year the Secondary students evaluated the savings and found an Energy reduction by 24.486 Watt!

PALESTRA SECONDARIA					
LUOGO	NUMERO NEON = OUDE LAMPEN	WATT NEON = OUDE VERBRUIK	NUMERO LED = SOORT NIEUWE LAMPEN	WATT LED = NIEUWE VERBRUIK	RISP. WATT = BESPARING
PAL. A	N.8 150W	1200	N.8 80W	640	560
PAL. B	N.8 150W	1200	N.8 80W	640	560
PAL. C	N.8 150W	1200	N.8 120W	960	240
SPOGL. MASCH. 1	N.1 2X58W	116	N.1 20W	20	96
BAGNO MASCH	N.3 E27 60W	180	N.3 10W	30	150

## Erasmus Maris

Erasmus Maris is a European collaboration between educational, scientific, and nautical centres which aims to harmonise the monitoring of microplastics in marine environments. Students take part in international and local field trips for marine sampling, laboratory analysis, and nautical skills training. They also act as educational ambassadors in their school, delivering workshops to secondary and primary students about their work; one of the favourite workshops of Green Week.



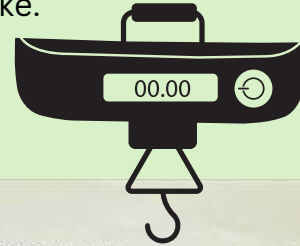
## Saving water

- We regularly use our water-butts to water our school garden.
- We have water fountains all around the school to encourage students to reuse their own water bottles and not waste water.



# Whole School Mensa Waste Project

Working closely with COMSEV, Comitato Mensa and the Maintenance Team, the Primary and Secondary students measured the Mensa food waste for 3 weeks. For Green Week we decided to take action to try and reduce waste with a 'Take Only What You Will Eat' campaign. This trial was to see if it would make a difference to offer students different portion sizes and to make it clearer to all about the different options they can take.



S6 and P3 students recorded the measurements. Other classes recorded how much of the plate they ate and how they enjoyed the food.

**Mensa Waste Measuring**

**Week 1: Baseline Data**

Date	No. Bins	Total weight of waste (Kg)
Tuesday 17 <sup>th</sup> March	7	119.22kg
Thursday 19 <sup>th</sup> March	5	129.3kg

**Week 2: Green Week – Zero Waste Project**

Date	No. Bins	Total weight of waste (Kg)
Tuesday 24 <sup>th</sup> March	6	135.37kg
Thursday 26 <sup>th</sup> March	7	126.14kg

**Week 3: After Intervention**

Date	No. Bins	Total weight of waste (Kg)
Tuesday 14 <sup>th</sup> April	7	115.17kg
Thursday 16 <sup>th</sup> April	6	111.02kg

Mensa Food Waste Green School

Week: 16-20 Class: S6/P3

Name	Plate	Drinks	Waste	Enjoyed
SCENA	+	+	+	+
ka	+	+	+	+
Dagite	+	+	+	+
Sakka	+	+	+	+
Yakca	+	+	+	+
lana	+	+	+	+
Daniel	+	+	+	+
Beah	+	+	+	+
Heed	+	+	+	+
Sabara	+	+	+	+
Lucca	+	+	+	+



As well as the 'take only what you will eat' campaign, some Secondary students went to the l'Istituto de Filippi to learn about the local ingredients used in our Mensa food and designed the menu for one of the days of Green Week using local produce.



l'Istituto de Filippi visited the Mensa twice during Green Week, showcasing local suppliers and local food banks in two pop-up workshops.

Despite all our efforts we were not able to reduce the waste in this project, but we plan to revisit this again next year.



## Green Week



Green Week was a whole-school initiative begun by the students. Working together across the school and parent community we created a huge range of sustainability activities, workshops and events.



## Re: Earth Sustainable Fashion Show

- S5 and S6 students designed 23 original outfits made from 100% sustainable materials (natural, recycled, regenerated, upcycled). It was an amazing show and a fantastic end of Green Week celebration.



## Community Links



SOCIETÀ COOPERATIVA SOCIALE  
**IL MILLEPIEDI**

We are working together with Mille Piedi, a local organisation that supports disabled adults.



We are working together with Italia Moldova where we collect corks to be recycled.



European Commission

Secondary students were able to visit the JRC to present projects to a panel of experts



## P3 Composting

The whole of P3 have continued their Composting project over the whole year. Classes take turns to take bowls to the Mensa to collect compostable waste and take it to our garden composter. They have weighed how much they have collected.



They were able to compost 40% of their waste!

## Joint Primary-Secondary Biodiversity project



P4, P5 and S4 Classes are working on a long-term project to analyse biodiversity and how it is affected by human impact. Together they prepared 3 different areas of ground and are investigating and measuring how the insects are affected by their landscape. They then gathered in the secondary school biology labs to observe soil samples using binocular magnifying glasses and microscopes.



## School gardens and Planting Projects



The S3 students have revitalized the garden next to the gym, planting beans and tomatoes.



P1 IT have been renovating and renewing our Primary Strawberry Garden.



## Student-led Secondary workshops for Primary and Materna

Throughout Green Week, Secondary students provided workshops to all of Materna and Primary students about Endangered Animals and Microplastics



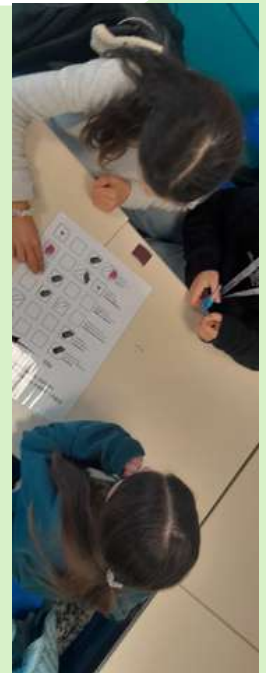
## Creda workshops across the whole school for Green Week

Throughout Green Week and beyond, Varese piu Bella with Creda held workshops across the school.

- All primary 3-5 and secondary 1-3 classes
- Age-appropriate, hands-on workshops
- Workshops covered composting, plastics, water, and the circular economy.

Fondazione  
**CREDA**  
ENTE TERZO SETTORE

Varese  
**+Bella**  
più cura per la città



# Biodiversity projects across Secondary and Primary



Our Primary Danish and Swedish team have also re-established our Primary insect hotel. P1 students wanted to help our birds through the winter and made bird houses from recycled materials.



Secondary Dutch Integrated Science students designed new birdhouses and bug hotels to enhance biodiversity across our campus.

# School gardens and Planting Projects

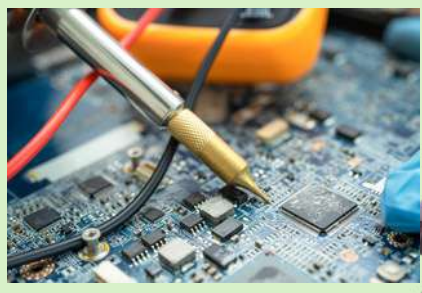


Many classes have been busy planting and growing for Spring.



## Repair Lab

The Secondary Repair lab is still going strong and fixing many broken electrical items.



## New Life Bazaar



The student-led reuse marketplace was launched during Green Week to promote sustainability and reduce consumption.

Students exchanged books, games, collectibles, electronics, and video games using a token system.



## Primary Clothes Swaps



The Primary and Materna will continue to host Clothes Swaps at each school event, thanks to the AGSEV Sustainability Team. Also don't forget to use our school community exchange app OàMarche and the Ispra Repair Cafe..



**OàMarche Community Exchange**

Join the **ESV Community Exchange app**, supported by **AGSEV**.

Parents are joining together to make our community as healthy, happy, and sustainable as it can be!

\*Visit <https://o-marche.net/>, and use the following details:  
 - GROUP ID: **VENICA**  
 - GROUP CODE: **379-011-968**

BUILDING THE FUTURE WE WANT

## Primary Sustainability Art



Our Primary and Materna classes have been very creative about sustainability this year with some amazing works.

# Materna Sustainability Projects

Materna children learned about the problem of plastics in the ocean.

They made a project to improve the labelling of our bins, reduce snack waste and reuse waste materials with Eco Bear.



# P4 Sustainability Poetry

