



GREEN AGRIPRENEURS OF FUTURE

The beauty of nature

PRACTICAL LEARNING BY DOING



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School projects demonstrated the value of hands-on learning-from growing plants and preparing food to learning about different vegetable varieties. Students gained experience, developed skills, and discovered the joys of working together.

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Ideathon at our school introduced students to the principles of sustainable development. Through play, projects, and creative activities, students learned how to care for the environment, people, and resources, combining learning with practice in a fun and engaging way.

IDEATHON: DISCOVERING SUSTAINABLE AGRICULTURE



GREEN AGRIPRENEURS OF FUTURE

THE FINAL STAGE OF THE ECOLOGICAL ADVENTURE

Green Agripreneurs of Future is an international project aimed at showing young people that modern agriculture can be not only ecological but also full of interesting and innovative solutions. Participants will learn the principles of sustainable development, how the green economy works, and how technology can support environmental protection. This initiative encourages a creative perspective on the future of our planet.

As part of the project's final activities, young people participated in workshops, practical experiences, and meetings with experts. Participants learned how to create eco-friendly projects—from concept to implementation—and how to work collaboratively to solve real environmental problems, such as food waste and excessive consumption of natural resources.

The completion of the project is not the end of an adventure, but the beginning of new inspirations. Participating in Green Agripreneurs of Future helped young people develop entrepreneurial thinking, creativity, and responsibility for the planet. The project proves that everyone, regardless of age, can have an impact on the future—and the knowledge and experiences gained will remain with participants for a long time.

**MODERN AGRICULTURE
CREATES AN
ECOLOGICAL FUTURE**





AUTUMN IN THE SCHOOL GARDEN

Autumn has arrived in our school garden, bringing with it new colors and scents. We've been caring for our plants all summer, and now we can enjoy the fruits of our labor. The beds have turned red—ripe tomatoes, juicy peppers, and crunchy radishes have already found their way into baskets during the recent harvest. The sight of full baskets and colorful vegetables makes us feel proud of our efforts.

Now the garden looks completely different, but no less beautiful. The vegetables have been replaced by heather, which proudly adorns our school garden bed. Their purple and pink flowers add charm to the garden and remind us that each season has its own unique colors. The heather also attracts insects, which continue to work despite the cooler days. Thanks to them, the garden is still vibrant with life, even though summer is long behind us.

**AUTUMN
BRINGS
CHANGES
AND NEW
HARVESTS IN
OUR SCHOOL
GARDEN**

But the season isn't over yet! Another challenge awaits us—the autumn potato harvest. Soon, we'll set out with shovels and baskets to pull the last of this year's harvest from the ground. Working together to dig is a great opportunity for teamwork and fun. Each of us can feel the satisfaction of seeing how much we've grown with our own hands. Autumn promises to be not only colorful but also full of satisfaction!



STUDENTS WORK TOGETHER TO PLANT HEATHER IN THE SCHOOL GARDEN, AND THE CHILDREN DILIGENTLY WATER THE NEW PLANTS, ENSURING THEY TAKE ROOT WELL.



WASTE OR TREASURE? A SECOND LIFE FOR THINGS

In a time when mountains of trash are growing faster than ever, it's worth asking yourself: is everything we throw away really waste? Often, all it takes is a little creativity to give objects a completely new life. Recycling and upcycling not only help the environment, but can also be great fun and an opportunity to create something unique.

One of the easiest ways to start your DIY adventure is with home recycling projects. Jam jars can be transformed into unique planters or lanterns by adding colorful paints, string, or glitter. Worn-out T-shirts? Don't throw them away! In just minutes, you can turn them into trendy shopping bags—just cut off the sleeves and sew up the bottom. Juice or milk cartons can become wallets, pen cases, or desk organizers. These are cheap, eco-friendly, and fully personalized projects.

What about clothes you no longer wear? The possibilities are endless! Old jeans can be turned into a skirt, a gym bag, or a book cover. Sweatshirts can be transformed into comfortable pillowcases, and shirts into stylish kitchen aprons. If clothes are in good condition but no longer your style, it's worth selling them, donating them to a charity, or giving them to someone who might still find them useful.





School swaps are also a great idea. Events like "Swap Instead of Throwing Away" allow students to bring clothes, books, games, and even small accessories and exchange them for something more useful. They're not only a way to refresh your wardrobe without spending money, but also an opportunity for socializing and bonding. They can be combined with DIY workshops, clothing makeover shows, or competitions for the best recycled project.

Things we consider useless can become inspiration for creativity. All it takes is a little imagination to discover that "trash" can be a treasure—both for us and for the planet. Start with one makeover, one swap, one idea. Maybe it will turn out that giving objects a second life will become your new passion!



DID YOU KNOW?

In ancient Rome, glass was so valuable that it was commonly melted down and reused - one of the first recycling systems in history.



Waste or Treasure?

A Second Life for Things

In a time when mountains of trash are growing faster than ever, it's worth asking yourself, is everything we throw away really waste? Often, a little creativity is enough to give objects a completely new life. Recycling and upcycling not only help the environment, but can also be great fun and an opportunity to create something unique.



Home recycling projects

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Worn-out T-shirts?

Don't throw them away! In just minutes, you can turn them into trendy shopping bags—just cut off the sleeves and sew the bottoms shut.



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Shirts into stylish kitchen aprons

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POTATOES

THE KINGS OF POLISH FIELDS AND PLATES

Potatoes are the true kings of Polish tables – it's hard to find anyone who doesn't love them. It's no wonder, as this vegetable is incredibly versatile and tastes delicious in almost any form: from fries to mashed potatoes to baked wedges. In Poland, potatoes are the most popular vegetable and an important element of our culinary tradition. Interestingly, there are so many varieties, differing in taste, appearance, and even ripening time. This allows everyone to choose the ones that best complement their favorite dishes – some are perfect for salads, others for soups or dumplings.

Potato varieties can be categorized in various ways, but the most common distinction is their earliness. In stores and at markets, you'll find very early, early, and mid-early potatoes. Each type matures at a different rate and has slightly different properties. Farmers know well which varieties are best planted at a specific time of year to achieve the best yield. This knowledge can also be useful for consumers – new potatoes taste best in spring and summer, while later varieties store well, allowing you to enjoy them all winter long.



The second important criterion for classifying potatoes is their culinary type. There are three main categories: A – salad potatoes, B – general-purpose potatoes, and C – floury potatoes. Type A is firm and holds its shape perfectly, making it perfect for salads. Type B is the most popular because it can be used in literally everything, from soups to baked dishes. Type C is soft and fluffy, making it perfect for dumplings or mashed potatoes. Well-known varieties include Denar, Satina, and Vineta, but there are also many less popular varieties, such as Jasia, Tajfun, and Regina.

We also felt like real gardeners, as after four months of work, we finally had our own potato harvest. We observed how the plants grew, how they changed from week to week, and how much attention they required. This gave us a better understanding of how much effort even a small crop requires. Harvesting the crops was incredibly satisfying – we could finally taste the potatoes we had grown ourselves. This experience showed us that even the most common vegetable can become a source of fascinating adventure and a learning experience about nature.



DID YOU KNOW?

Potatoes were the first vegetable grown in space! NASA tested their cultivation because they thrive in harsh conditions. They are true culinary explorers.



THE SEED OF ENTREPRENEURSHIP

HOW STUDENTS DISCOVERED TASTE AND CULTIVATION PRINCIPLES

>>> AN EXPERIMENT THAT REALLY TEACHES

As part of the Erasmus+ Green Agri project, students in grade 8a decided to explore the practical implications of "entrepreneurial cultivation." They experimented with sprouting seeds in two different conditions: in a professional sprouter and on a regular plate. They quickly realized that without adequate humidity, light, and a little care,

good results were impossible. The project demonstrated that theory is theory, but practice teaches responsibility best. Furthermore, students were able to compare the results of their work and draw their own conclusions. This learning format made the lessons much more interesting and engaging.



>>> FROM MINI-PLANTATIONS TO HEALTHY SNACKS

Once the sprouts had grown, they were sent to class 6a, which used them in the kitchen. The students prepared healthy sandwiches with cottage cheese and radish sprouts. It was not only a culinary adventure but also an opportunity to see what it's like to sell your own product in practice. The result? All the sandwiches found buyers, and PLN 56.80 was raised. Cooking together proved to be a great way to bond. Many students discovered that home-cooked food can be truly delicious.

➤➤➤ PROFIT THAT MATTERS

The money raised didn't go into the school treasury or to fund a class trip. It was donated to a charity – a Friday fundraiser for Adaś. This allowed the students to see that entrepreneurship can have not only an educational but also a social dimension. They also learned that even small amounts can make a difference if donated wisely. This initiative demonstrated that business can go hand in hand with empathy.

➤➤➤ COMPETENCIES THAT PAY OFF

The project allowed the students to develop many important skills. They learned to plan their work, organize tasks, and act responsibly. They practiced teamwork, cost-benefit analysis, and evaluating the effects of their own actions. This was also complemented by creativity and initiative – qualities that are useful not only in projects but also in everyday life. The students learned that each stage of the project requires a different level of commitment. The experience they gained will undoubtedly be useful in their future academic and extracurricular endeavors.

DID YOU KNOW?



During the germination of seeds to form sprouts, the contained C and antioxidants may be revealed even several times in the knowledge with raw seed, which combines with the main and "condensed" ingredients.





»»» THE TASTE OF SUCCESS AND PROJECT SUMMARY

The greatest reward for the participants – besides the knowledge that they had done something good – was the opportunity to try their own sprouts. Fresh, full of vitamins, and incredibly aromatic, they proved delicious both on their own and in sandwiches. The students unanimously agreed that the result of their work was not only healthy but also satisfying. The entire project demonstrated that learning through practical activities yields the best results. Thanks to their commitment, creativity, and teamwork, the students created an initiative that combines education, entrepreneurship, and philanthropy. This is an example of how even small projects can make a real difference.





SANDWICH SALES ARE IN FULL SWING – STUDENTS ARE RAISING FUNDS FOR THE FUNDRAISER FOR ADAŚ, COMBINING ENTREPRENEURSHIP WITH CHARITY.



STEM CHALLENGE - SCIENCE AND CREATIVITY IN OUR SCHOOL

ERASMUS+ OPENS DOORS TO NEW EXPERIENCES

As part of the Erasmus+ Green Agripreneurs of Future project, students from our school participated in the extraordinary STEM Challenge. It was an opportunity to combine science, technology, and creativity in a practical and engaging way. Students were able to discover that education is not just about theory, but also about action, collaboration, and experimentation. The project demonstrated the importance of developing competencies needed in today's world, where innovation and a responsible approach to the environment are becoming increasingly important.



SUSTAINABLE GOALS IN PRACTICE

During the STEM Challenge, participants explored the Sustainable Development Goals, which underpin thinking about the future of our planet. Students learned why quality education matters and how to ensure clean and affordable energy. The activities demonstrated that global goals can be relevant to everyday actions, and that young people's conscious choices have a real impact on the world. Thanks to this, participants not only gained knowledge but also learned responsibility and a modern perspective on environmental challenges.



»»» LEARNING THROUGH PLAY AND ACTIVE DISCOVERY

One of the most engaging elements of the event were tasks requiring logical thinking, creativity, and collaboration. Students solved puzzles, read QR codes, searched for information, and discovered various interesting facts related to environmental protection and renewable energy sources. Each activity was designed to be both fun and educational. Students could develop their passions while practicing skills that will be useful both in school and in adulthood. This form of learning proved exceptionally engaging.

PAPER WINDMILLS – SMALL MODELS OF BIG IDEAS

One of the most creative tasks was building paper windmills. Although the project was simple, it perfectly illustrated how clean energy can be generated. The students learned that renewable energy sources are accessible, safe, and can be a viable alternative to traditional solutions. Constructing the models themselves allowed them to better understand the mechanisms behind wind turbines. The event combined technology, ecology, and artistic freedom, demonstrating how fascinating it can be to create something that symbolizes environmental care.

»»» INSPIRING THE FUTURE

Finally, participants tested their knowledge in a short quiz that summarized all the skills they had acquired. The atmosphere during the event was full of engagement, inspiration, and positive energy. The STEM Challenge demonstrated that experiential learning yields the best results, and that teamwork helps achieve more. Thanks to the Erasmus+ project, young people were able to develop, acquire valuable skills, and see ecology from a completely new perspective. Thank you to everyone who actively participated in this unique event!

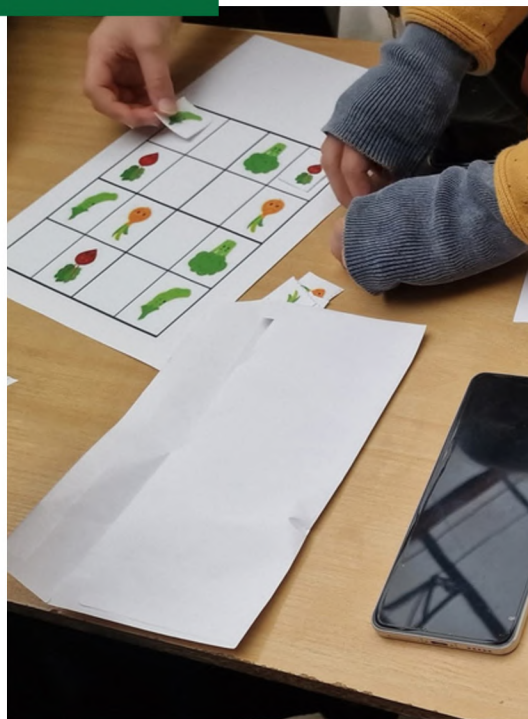




PAPER WINDMILLS, QR CODES AND GOOD ENERGY - WE LEARN, WE ACT, WE INSPIRE!



SUSTAINABLE DEVELOPMENT STARTS HERE - CREATIVE CHALLENGES, SHARED LEARNING, GOOD ATMOSPHERE



THE FUTURE OF AGRICULTURE

WHAT WILL 2050 LOOK LIKE?



>>> NEW CHALLENGES FOR FUTURE AGRICULTURE

The year 2050 may seem far away, but scientists and experts are already predicting how agriculture will change. On the one hand, the global population is growing, and on the other, we are increasingly feeling the effects of climate change. This is precisely why farmers will need new, smarter ways of producing food. Future agriculture will be about not only efficiency but also caring for the planet.

>>> TECHNOLOGY IN THE FIELD - AI, DRONES, AND ROBOTS

One of the most important trends will be agriculture supported by modern technologies. Drones will monitor fields from the air, artificial intelligence (AI) will begin to analyze soil and weather conditions, and automated machines will sow and harvest crops themselves. This will allow farms to produce more food while using less water, fuel, and chemicals. Farmers will become more of a technology manager than a person performing heavy physical labor.



DID YOU KNOW?

By 2050, as much as one third of the world's food could come from vertical farms and urban gardens, which, thanks to artificial intelligence and closed water circulation, will produce vegetables and fruit without the use of traditional fields.

➤➤➤ BIOTECHNOLOGY AND ECOLOGY ARE CHANGING THE RULES OF THE GAME

Biotechnology will also play a huge role. Scientists are already developing plant varieties resistant to drought, disease, and pests, and in the future, these solutions will be even more advanced. Vertical farms, where vegetables grow on multiple levels and water is circulated in a closed loop, may appear in cities. Ecological farming methods that protect the soil, reduce waste, and support biodiversity will also become increasingly popular.

➤➤➤ THE FARMER OF 2050 - A JOB OF THE FUTURE

Along with these changes, the skills of future farmers will also evolve. Instead of just operating tractors, they will need to know basic programming, be able to work with robots, and understand data collected by sensors. Knowledge of ecology and the ability to make decisions that benefit both plants and the environment will become crucial. The Farmer of 2050 is a young leader open to new technologies who combines tradition with science and concern for the climate.

REMEMBER

In the agriculture of the future, it will be not only efficiency that counts, but also care for the planet



APPLE ADVENTURE

VARIETIES, FLAVORS, AND COLLECTING FRUIT TOGETHER

>>> THE KING OF POLISH ORCHARDS

Apples are undoubtedly the most popular fruit in Poland – they grace our homes year-round. Many varieties are grown in orchards, differing in taste, color, and purpose. The most common are Lobo, Szampion, Jonagold, Ligol, and Gala, but Antonówka, Cortland, Golden Delicious, Idared, and Gloster are equally prized. Thanks to this diversity, everyone will find something to enjoy – from tart apples perfect for apple pie to sweet ones that are great for eating raw.

>>> A TASTE OF HEALTH

Apples are not only a delicious snack but also a source of vitamins and fiber. Regularly eating these fruits supports immunity, improves digestion, and provides energy during the school day. No wonder the saying goes, "an apple a day keeps the doctor away." It's worth remembering that apples can be eaten in many ways – in salads, juices, cakes, or simply crunched fresh from the basket. These are fruits that combine tradition with the modern lifestyle of young people.

SHARED TIME IN THE ORCHARD

Our students and their parents had the opportunity to visit a local orchard and pick their own apples. It was a great opportunity to spend time together, learn the secrets of growing apples, and experience the joy of picking them yourself. This joint trip demonstrated that apples aren't just a product on the store shelf, but also a part of our culture and family traditions. The harvested apples were later used in the school cafeteria and at home, reminding us that the simplest things can bring the most joy.



WE PICKED APPLES IN THE ORCHARD—SOME CLIMBED LADDERS, OTHERS PICKED THE FRUIT FROM THE GROUND, AND THE FULL BASKETS AND CRATES WERE PUT IN A WHEELBARROW.

19



FRESH, COLORFUL APPLES QUICKLY FILLED THE BINS, AND ALL AROUND WERE NEAT ROWS OF APPLE TREES IN A BEAUTIFUL, SUNNY SETTING.



IDEATHON - AGRICULTURE OF THE FUTURE

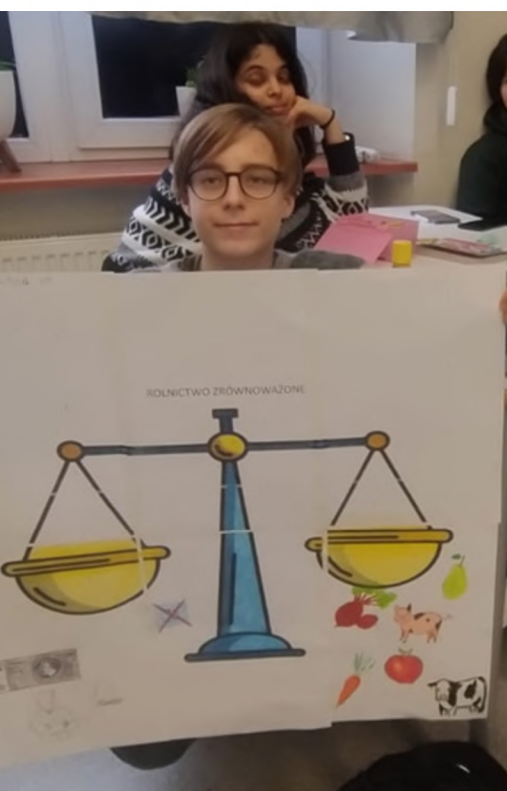
HOW STUDENTS FROM OUR SCHOOL DISCOVER WHAT SUSTAINABLE DEVELOPMENT IS.

»»» KNOWLEDGE IN A MODERN FORM

Our school hosted a unique Ideathon dedicated to sustainable agriculture. The older classes used QR codes that linked to short educational videos. Students had the opportunity to practically test their knowledge by completing an interactive online quiz. This learning method allowed them to learn how modern technologies help them understand important issues related to environmental protection and responsible resource management.

»»» CREATIVE ACTIVITIES FOR SENIORS

After viewing the educational materials, students created posters presenting the principles of sustainable agriculture. Short videos were also presented, in which the students explained the importance of concepts such as reducing water consumption, soil conservation, and biodiversity. Working in groups allowed participants to demonstrate their creativity and better understand how theory translates into practical actions that have a real impact on the environment.





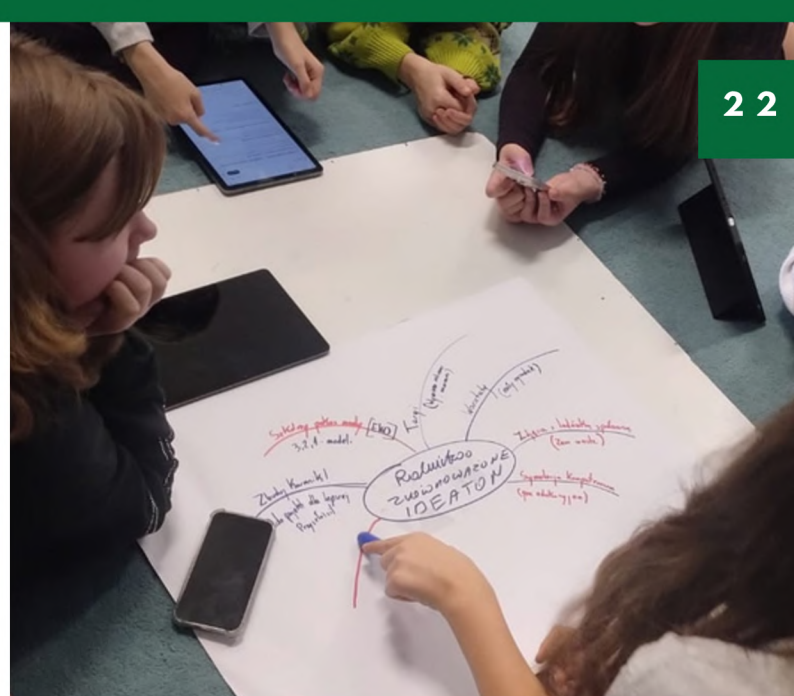
IDEATHON SHOWED THAT SUSTAINABLE DEVELOPMENT BALANCES THE ENVIRONMENT, PEOPLE, AND RESOURCES

»»» LEARNING GAMES

The younger classes also actively participated in the Ideathon, engaging in activities designed specifically for younger students. The children assembled puzzles showcasing key principles of environmentally friendly agriculture, such as soil conservation, responsible water use, and animal welfare. This made complex concepts easier to understand. Students also created their own scales, on which they placed social, economic, and ecological goals. This allowed them to discover for themselves that sustainable development is not just about ecology, but also about caring for people and wisely planning for the future.

»»» ZERO WASTE FINALE

The Ideathon culminated in a collaborative, creative activity in a zero-waste spirit. Students made Christmas chains from expired popcorn, demonstrating that even seemingly unnecessary items can be given a second life. Working on the decorations fostered collaboration and conversations about how to reduce waste in everyday life. Many emphasized that such activities help them truly understand the concept of ecology—not as a theory from a textbook, but as a way of thinking and acting. This made the Ideathon finale not only entertaining but also inspiring and thought-provoking.



THEY PARTICIPATE IN GROUP ACTIVITIES WHERE THEY CREATE POSTERS, SOLVE PROBLEMS, WORK CREATIVELY, AND DEVELOP THEIR IDEAS.



THEY COLLABORATE ON PLASTICS PROJECTS, PREPARE EDUCATIONAL MATERIALS, AND ENGAGE IN CREATIVE WORKSHOPS TO IMPROVE COLLABORATION, DEVICES, AND PRESENTATIONS OF ELECTRICAL DEVICES.



**FIND THE WORDS FROM THE LIST BELOW IN THE PUZZLE.
WORDS CAN GO HORIZONTALLY, VERTICALLY
OR DIAGONALLY.**

R	V	U	Z	X	E	C	C	R	E	A	T	I	V	E
C	E	C	Z	C	G	C	M	M	B	Y	R	F	L	F
A	E	S	E	S	W	R	O	P	V	N	B	O	A	U
G	N	D	P	N	U	P	E	L	R	G	Q	O	M	T
R	V	N	S	O	T	S	W	E	O	P	K	D	B	U
I	I	B	X	P	N	R	T	Y	N	G	L	W	G	R
P	R	P	C	O	U	S	E	A	F	R	Y	A	F	E
R	O	P	A	U	X	I	I	P	I	U	I	S	Q	A
E	N	H	L	T	U	P	U	B	R	N	E	T	W	E
N	M	M	E	C	I	L	A	D	I	E	A	E	M	I
E	E	P	R	O	J	E	C	T	A	L	N	B	K	N
U	N	H	K	L	W	W	G	B	P	U	I	E	L	B
R	T	I	H	P	L	A	N	E	T	E	I	T	U	E
S	T	E	C	H	N	O	L	O	G	Y	I	O	Y	R
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**AGRIPRENEURS
FUTURE
SUSTAINABLE
GREEN
ECOLOGY
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INNOVATION**

**PROJECT
PLANET
CREATIVE
ENTREPRENEUR
RESPONSIBILITY
ENVIRONMENT
FOODWASTE**



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the European Union**



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