



STUDENTS
ORGANISING FOR
SUSTAINABILITY
UNITED KINGDOM



RED WOLF STUDENT CHALLENGE 2021: JOIN OUR SUMMER SCHOOL!

Join the RED WoLF summer school 2021: an online part-time programme where students will work in interdisciplinary groups to problem-solve real world challenges relating to social and environmental sustainability. Find out more below, and apply here: bit.ly/redwolfschool

RED WoLF stands for 'Rethink Electricity Distribution Without Load Following'. The RED WoLF Project aims to increase the use of renewables and reduce CO₂ emissions from home electricity. The project utilises technology to store renewable energy output from the Power Grid at times of low demand, so it can be used when demand is higher. Currently, when energy demand is low on sunny/windy days, output of solar or wind power is reduced, and clean energy potential wasted. RED WoLF seeks to change this with a Hybrid Storage System (HSS) that will be adopted across the region, with 100 pilot homes in the United Kingdom, France and Ireland that will reduce CO₂ emissions from their energy use by 215 tonnes/yr. [Find out more about the project here.](#)

RED WoLF and Students Organising for Sustainability UK (SOS-UK) are working on an exciting collaborative student challenge summer school to demonstrate **the importance of students from all disciplines in tackling real-world sustainability challenges**. We will be offering 10 - 20 fully funded places to motivated students from a broad range of disciplines in each region (Ireland, France, UK) to enrol in the RED WoLF summer school.

This summer school will take place entirely online from June 2021 - August 2021. Small and passionate groups of students will develop and implement impactful projects or initiatives addressing real-world challenges faced by the RED WoLF project. Students will work in interdisciplinary groups with regular support from project partners and SOS-UK staff. The Summer School will culminate in August 2021 when student teams will present their projects and learnings to project partners and other key stakeholders.

WHY TAKE PART?

Through taking part in the RED WoLF student challenge summer school, you will be able to develop and demonstrate transferable **professional and academic skills**, such as:

- Project planning



- Sustainability and low-carbon technologies
- Communication for engagement
- Monitoring and evaluation

You will have the opportunity to apply your specialist skills, knowledge and experience to local and global social and environmental sustainability challenges and **addressing the climate emergency**, with potential to make a real impact on the RED WoLF project outcomes. You will also have the opportunity to **meet and work with new like-minded students** from across North-West Europe, and present to high profile stakeholders. All students will be provided a **certificate and digital badge** upon completion of the programme to demonstrate your participation, and the skills you've gained.

The summer school is extra-curricular and voluntary with an expected time commitment of roughly 0.5 - 1 day per week over the eight-week programme (flexible around your studies, work or other commitments as much of the course content will be working in small groups in your own time). The entire challenge will be **completed online** using video conferencing and online collaboration tools.

Apply here (deadline 7th May): bit.ly/redwolfschool

MORE ABOUT THE SUMMER SCHOOL PROGRAMME

Engaging with students and providing applied learning opportunities, RED WoLF is responding to demand from students and employers alike to see **hands-on transformational sustainability learning experiences** embedded throughout further and higher education. Students have a key role to play in the communication and aims of the project. As key stakeholders in a low-carbon future, and as current and future tenants and homeowners, you have the ability to create demand for systems such as RED WoLF and raise the profile of projects across academia and society.

Participating students will work on two main streams of work, supporting the aims of RED WoLF:

1. **RED WoLF technology and innovation** (aimed at, but not limited to Science, Technology, Engineering and Mathematics students)
2. **RED WoLF resident and stakeholder engagement** (aimed at, but not limited to Social Sciences, Arts, Humanities and Business students)

Students will be expected to:

- Attend the virtual launch event (June 2021 - 7th June TBC);
- Work with other students to problem-solve your assigned challenge, including regular check-ins with staff (June - July 2021);
- Attend online seminars and workshops to support you with your challenge, and develop your skills and knowledge around RED WoLF and related concepts;
- Attend the virtual conference to present your project, recommendations and learning to key stakeholders (August 2021 - 6th August TBC);
- Write up your findings into a concise report (due August 2021)

All participating students will come together for an online launch conference in early June 2021 (7th June TBC) where you will be introduced to RED WoLF, and the aims and intentions of the student challenge summer school. At the launch, the RED WoLF challenges will be shared with all students, who will then work in small teams over the following eight weeks to problem-solve one of the challenges (per team).

The challenges will be real-world examples of challenges that RED WoLF project partners are facing while implementing the project. The exact challenges are yet to be finalised, but here will be different types of challenge to suit students from different academic backgrounds, experience and interests. You may need to conduct surveys, research, analysis or to create action plans or communication plans to address your assigned challenge. You will be able to take ownership of your challenge and the approach taken to address it, with guidance and support from the RED WoLF team.

Throughout the challenge period, you will be invited to online seminars & workshops to support you in understanding the context and rationale behind your assigned challenge, and will receive support to design, develop and implement a project or initiative to address it. Alongside this programme of learning, you will work on your assigned challenge in small teams, managing your own time and supplementing the seminars with independent study and research.

The summer school will then culminate in August 2021 (6th August TBC) where you will present your work, findings and recommendations to RED WoLF project partners, key stakeholders, and all other participating students.

TIMELINE AND PROGRAMME

Timeline: ~8 weeks early June - early August (dates are TBC)

When	What
7 th June (TBC)	Launch of RED WoLF student challenge summer school - online Zoom conference <ul style="list-style-type: none"> - Welcome and introduction to the RED WoLF project - Overview of aims and intentions of the Student Challenge - Presentation of the RED WoLF Challenges from both streams of work (Technology & innovation / resident engagement)
June	Throughout June, a series of seminars and workshops will be held to equip you with the necessary skills and knowledge to support you with your challenges.
July	Students continue to work in groups on your projects and initiatives to address your assigned challenges.
6 th August (TBC)	'Addressing the challenges' conference - Finalisation of RED WoLF Student Challenge 2021. <ul style="list-style-type: none"> - Students will present findings, learnings and how you have addressed the challenges you were set. - RED WoLF Partners and other key stakeholders will feed back how they will use the results to further the aims of RED WoLF. - Students will provide a final report outlining their work.

NEXT STEPS

Apply here (deadline 7th May): bit.ly/redwolfschool

For further information, please contact Rachel Soper, Senior Project Manager - Education at SOS-UK (Rachel.Soper@sos-uk.org).