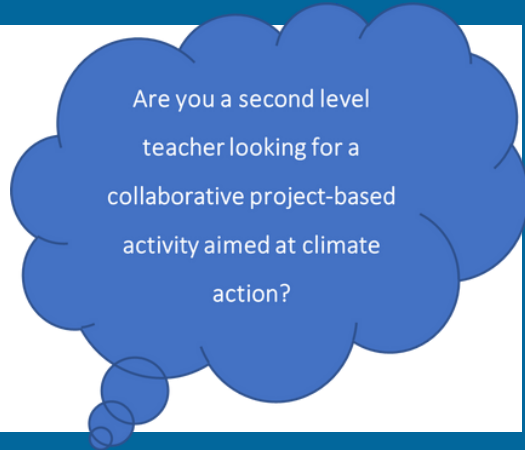




CLIMATE ACTION HACKATHON

A SHORT PROGRAMME TO RAISE AWARENESS ON THE WATER-ENERGY NEXUS (LINK) AND THE CLIMATE ACTION POTENTIAL OF WATER EFFICIENCY AMONG SECONDARY SCHOOL STUDENTS AND THEIR TEACHERS.



THE PROBLEM



In the EU, on average, buildings account for up to 40% of energy use and about 36% of CO2 emissions.



In Ireland, about 1/4 of all energy use is attributed to households. This is second only to transport, and more than is used by industry (SEAI).



86% The amount of energy used by Irish households for hot water and space heating.

THE CHALLENGE

How can we take climate action by adopting efficient water use behaviours?



HOW DOES IT WORK?

1. Water-Energy Nexus Background Exploration

1. EXPLORE THE WATER-ENERGY NEXUS, THE DŴR UISCE PROJECT AND THE EXISTING SOLUTIONS IN CLASS

2. Personal Reflection

2. REFLECT ON ON HOW THE ISSUE IS AFFECTING YOU, YOUR SCHOOL/ COMMUNITY AND SEND FEEDBACK AND QUESTIONS TO US

3. Climate Action Hackathon

3. IDEATE, PLAN & PITCH A PRODUCT/SERVICE TO PROMOTE WATER-ENERGY EFFICIENCY IN AN ON-LINE HACKATHON CHALLENGE

THE IDEA WITH THE GREATEST IMPACT POTENTIAL OF REDUCING CARBON EMISSIONS WILL FEATURE ON OUR SOCIAL MEDIA & WIN A PRIZE



WHY TO TAKE PART?

win a prize
work in teams
get inspired
teamwork
work with researchers
communication skills
creative thinking
innovation
knowledge
fun
climate action
water-energy nexus
challenge
prize
great experience
develop skills
water-energy champion
save water-energy

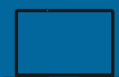
HOW TO PARTICIPATE



YOUR NAME, SURNAME, SCHOOL, CLASS AND NUMBER OF STUDENTS TO ROBERTA: BELLINIR@TCD.IE



COMMIT TO COMPLETE THE PROGRAMME AND BE AVAILABLE FOR 4 HRS ON AN AGREED DATE



HAVE ONE TABLET/LAPTOP PER GROUP OF 5/6 STUDENTS DURING THE HACKATHON

