ERASMUS+
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ESCAPE TO WELLBEING!

A HANDS-ON ACTIVITY ON SUSTAINABILITY

KOSHADOS



Escape to Well-Being

Kocaeli Sportif Havacılık ve Aktif Doğa Sporları Kulübü

Erasmus+

OUR TODAYISH AND FUTURIST TOPIC IS…..

SUSTAINABILITY MEANS…





IT IS YOUR TURN TO ACT FOR SUSTAINABILITY!

NOW, You are

'Sustainable City Builder'





OUR AIM IS TO;

engage you in learning about sustainability by creating your own eco-friendly city. Through this activity, you will gain knowledge about various aspects of sustainability, including renewable energy, waste management, transportation, and green spaces. By making decisions about city planning, you will get the concept of the importance of sustainable practices in creating a better future for our planet.

WHY AND HOW???


PROVIDER
BUT BUSINESS EXPERTISE
IS USUALLY INTRODUCED
TOO LATE IN THE
PLANNING LIFE CYCLE

and communities

Challenges

The **RAPID** and often **UNPLANNED URBANIZATION** witnessed worldwide has led to **INCREASED PRESSURE ON THE ENVIRONMENT**



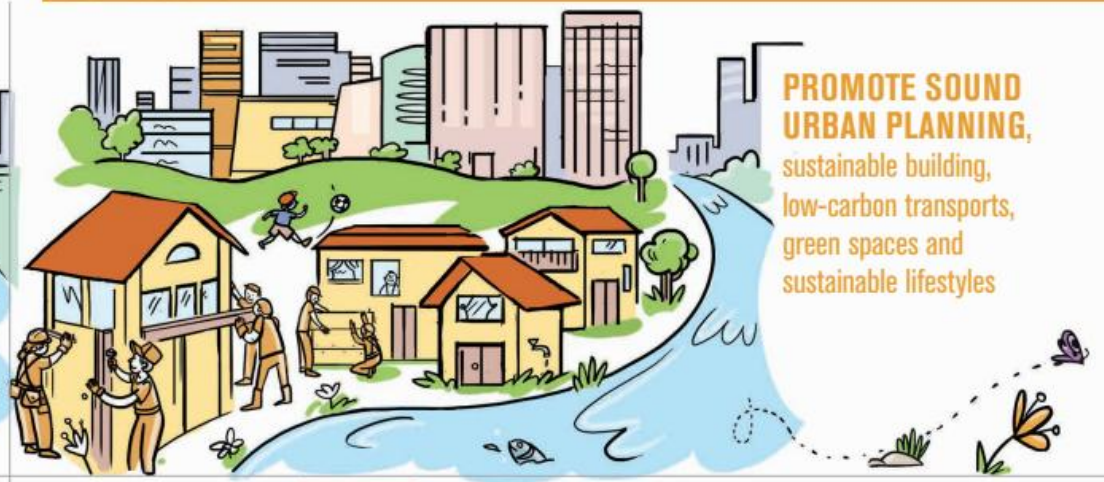
Our cities account for up to **80% OF ENERGY CONSUMPTION** as well as **75% OF GLOBAL WASTE AND CARBON EMISSIONS**



Due to the high concentration of people, infrastructure, housing and economic activities, **CITIES**



Solutions



PROMOTE SOUND URBAN PLANNING, sustainable building, low-carbon transports, green spaces and sustainable lifestyles



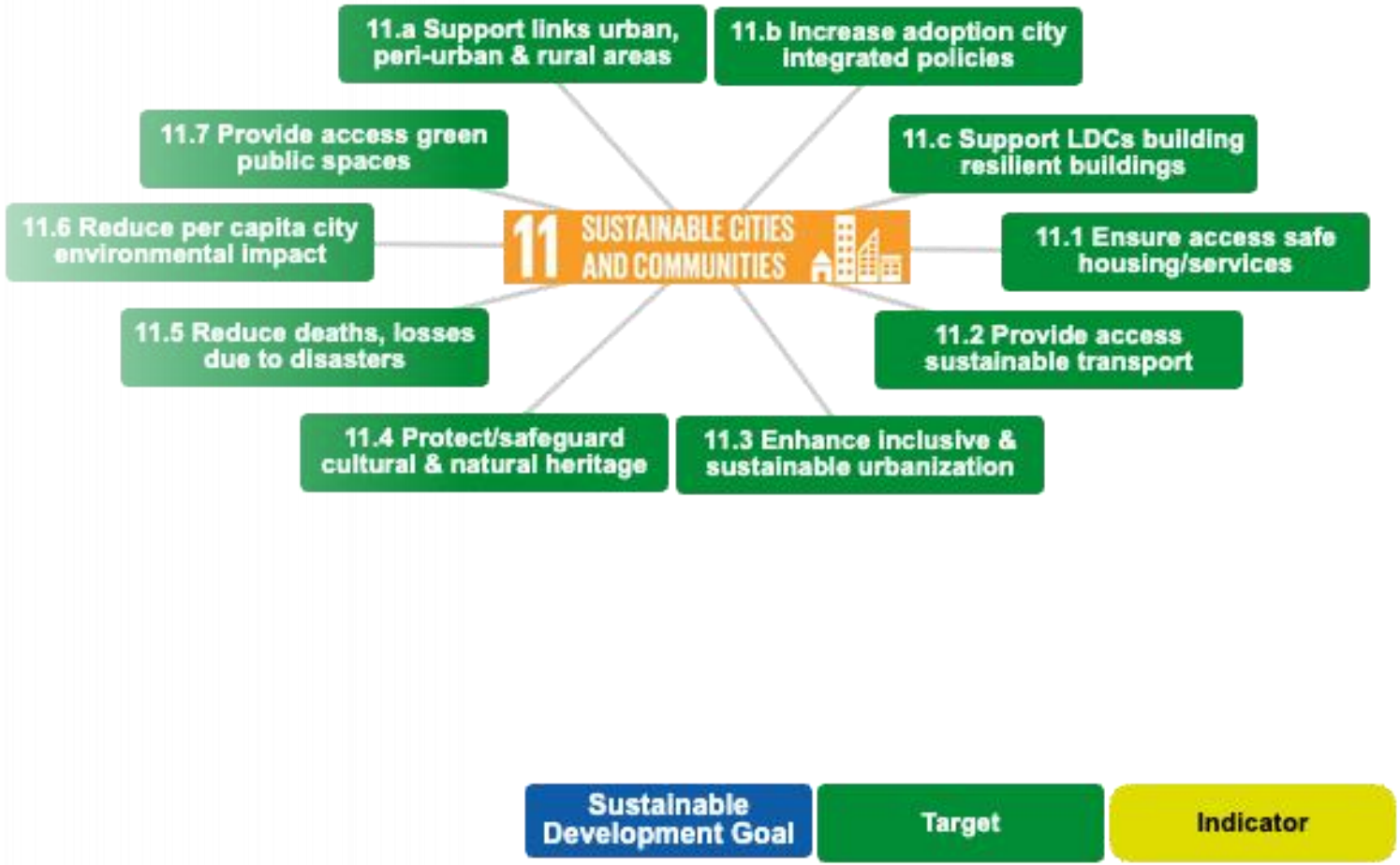
INVEST IN RENEWABLE ENERGY, waste management, sustainable and green infrastructure



PROTECT

CLICK FOR FURTHER INFO ABOUT 11th GOAL OF SDG..

- https://www.unep.org/explore-topics/sustainable-development-goals/why-do-sustainable-development-goals-matter/goal-11





SOME IDEAS;

- Prepare a real poster
- Prepare a ppt
- Lesson plan for group working
- Design a 2D or 3D model of green city
- https://www.stem.org.uk/resources/elibrary/resource/477197/my-green-city



My Green City Design Challenge

Introduction

As the world's population increases and more people live in urban areas, there are some real challenges ahead for city planners and architects. The Director of the United Nations has said that "managing urban areas has become one of the most important development challenges of the 21st century". If we fail to build cities that are sustainable all of our futures are at risk.

Key facts

- Over 7.3 billion people live on Earth, with the population due to increase to a whopping 9.8 billion by 2050 (*worldpopdata.org*).
- Currently over 79 % of the UK's population live in cities. By 2050 this number increases to 92% of the UK population who will be calling a city their home (prb.org)
- Land will be become increasingly expensive and limited in cities due to the increase in population.
- Many people are working towards trying to make cities more sustainable. A sustainable city uses resources to offer a good quality of life to the people that currently live there whilst ensuring that there are enough resources are available for future generations.

How can you build a sustainable city?

Your sustainable city must include plans to produce **energy**, provide inhabitants with **food**, handle **waste** efficiently, **transport** people and produce around the city, whilst ensuring that **nature** is welcomed and supported in your city.

1. Energy



People expect higher standards of living and the latest devices gobble up energy. We still use a lot of fossil fuels, like oil coal and gas. In the past 200 years we have used over two thirds of the world's resources already and need to use more renewable energy.

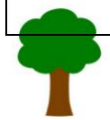
How will you power your city?



2. Food

We all need to eat but in a world with more and more people, where will it all come from? Transporting food from far away is expensive and pollutes the environment. We also waste a lot of food; in the UK alone about 30 % of all food gets thrown in the bin!

How and where will you grow enough food for your inhabitants? **How can you make sure you use as much of the food as possible without any waste?**

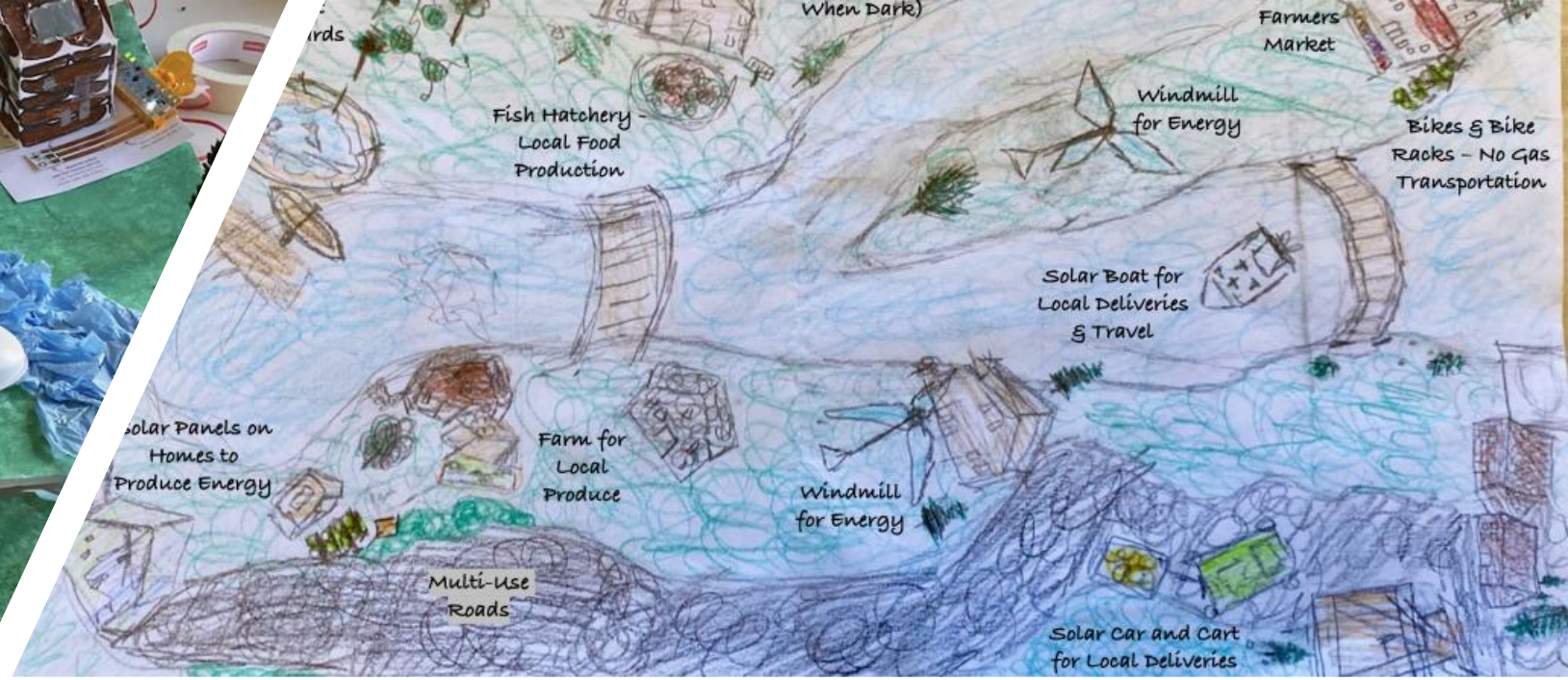


3. Nature

We need to remember that humans are not the only living things on the planet and we need plants and animals to be able to survive. As you plan your city remember to include green areas in your city, and help wildlife move around your city on 'wildlife corridors'. Wildlife Corridors are areas of planting that help the green areas in your city link up for wildlife. It may be some plants on the edge of a road, or even people's gardens. Flowering plants help encourage pollinators in to your city; these will help your vegetables grow and increase your crop of food. It has also been proven that if people can see nature every day, and not just buildings, they are much happier and healthier.

Try and think of why you might need different plants and animals, this will help you make sure you have it in your city. **How will you make sure nature is encouraged into your city?**




When Dark)
Farmers Market
Windmill for Energy
Fish Hatchery - Local Food Production
Bikes & Bike Racks – No Gas Transportation
Solar Boat for Local Deliveries & Travel
Solar Panels on Homes to Produce Energy
Farm for Local Produce
Windmill for Energy
Multi-Use Roads
Solar Car and Cart for Local Deliveries


SOLAR POWER
DANGER
PARK
Sustainable City


Sustainable City
Watch later
Watch on YouTube




MINECRAFT
EDUCATION EDITION
Green
Building

THANKS FOR YOUR CONCERN



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