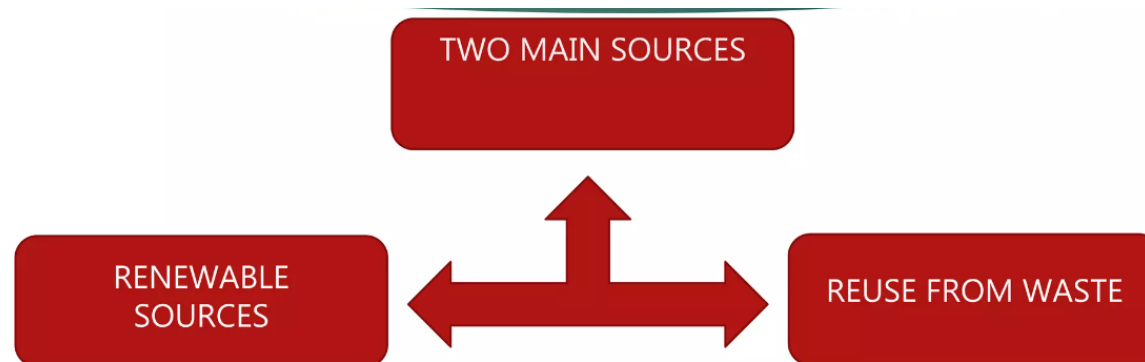


# SUSTAINABLE MATERIAL

Lana Mohammed

# WHAT IS SUSTAINABLE MATERIAL?

- Sustainable material is any material that can be put in effective use without compromising its availability for use by later generations.
- SOURCES OF SUSTAINABLE MATERIAL:



# SUSTAINABLE BUILDING MATERIALS CHARACTERISTIC

- Regional  
(500 miles)
- Rapidly renewable  
(Harvested in less than 10 years)
- Low in toxic or have none
- Recyclable
- Energy efficient
- certified

# SUSTAINABLE BUILDING MATERIALS BENEFITS

- Protect the environment
- Recognizes small and local businesses that promote sustainability
- Reduce waste
- Gives you better, more durable and innovative products
- Promotes and grow the green economy

# SUSTAINABLE BUILDING MATERIALS

- **Bamboo**
- Bamboo: Bamboo is a fast-growing plant that is renewable, biodegradable, and requires fewer resources to produce than traditional wood. It can be used in a variety of applications, such as flooring, furniture, and textiles.
- Rapidly renewable  
Materials that can be harvested in less than 10 years



# SUSTAINABLE BUILDING MATERIALS

- **Cork**

Cork is a sustainable material that is harvested from the bark of cork oak trees. It is biodegradable, renewable, and can be used in a variety of applications, such as flooring, insulation, and furniture.



# SUSTAINABLE BUILDING MATERIALS

- **Mud bricks**
- Mud bricks are made by mixing soil with water, placing the mixture into moulds and drying the bricks in the open air. To make it strong enough and sustainable, and straw could be added to reduce cracking.



- **Reed** is considered to a carbon-neutral raw material, and it has been used for centuries for diverse uses. Its high availability and properties made it a popular building material.
- Reed considered a sustainable, eco-friendly, and low-cost option building material in south Iraq.

