



# 1<sup>st</sup> EPAL of KARDITSA

# MODEL CONSTRUCTION

HOUSE POWERED BY A PHOTOVOLTAIC PANEL

A WORK MADE BY THE FIELDS OF:

- **BUILDIND CONSTRUCTION**
- **ELECTRICIANS**

SCALE 1:20

## MATERIALS AND TOOLS USED

| MATERIALS       | TOOLS                   |
|-----------------|-------------------------|
| Styrofoam       | Geometrical instruments |
| Balsa           | Cutter                  |
| Canson paper    | Scissors                |
| Glue (atlaacol) | Brushes                 |
| Plastic colors  | Sandpaper               |
| sticks          |                         |
|                 |                         |

# STAGES OF CONSTRUCTION



**Measuring – designing – scribing of basic elements**



Painting



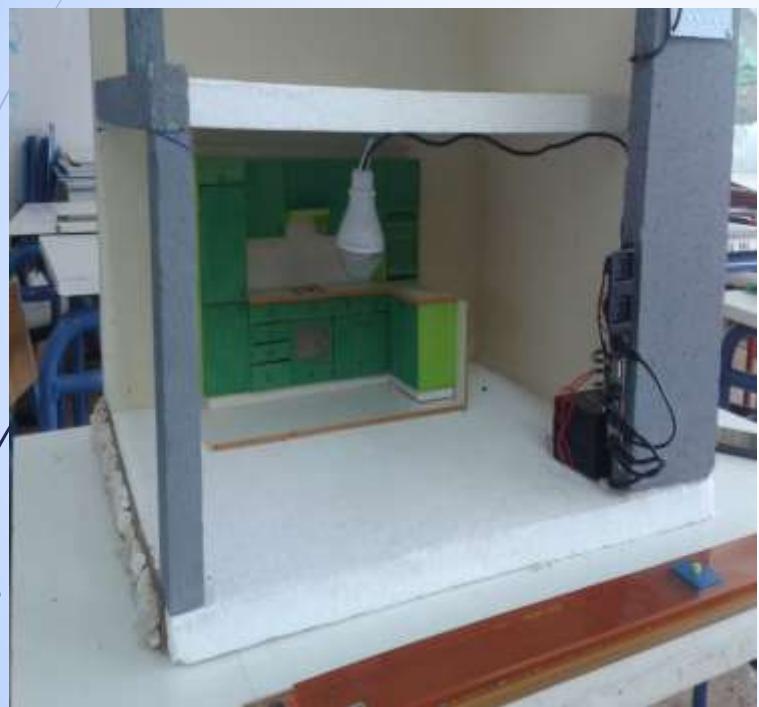
Adding basic elements (walls – floor - roof)





Placing the P/V panel





Adding lamps



Illuminating the house





**Adding secondary elements - Completing the model**  
**The inner design is handmade**  
**by the students of the field of building construction.**



Thank you for  
your attention!