In the month in which we celebrate the World Tourism Day, we put on exhibition one of the main foundations of Portuguese edification a Wood roof truss model.

Collected by the Architect Homero Gonçalves from the remodelling rubble of an emblazoned building of 18th Century, where Secondary School D. Maria I used to be placed, this triangular model was made by third year students to study the construction of Portuguese rooftops.

The traditional Portuguese edification has often counted with wood roof trusses as the main foundation of their rooftops, reaching up to 27 meters of span. With several typologies, the simplest is composed by a line, two wood legs and a “pendural”, which together offer the structural safety conditions required for a rooftop.

These rooftops have deserved the attention of engineers during requalification given the importance of maintaining these structures, already considered an identity brand of the country.

At a time that we celebrate the International Year of Tourism for Sustainable Development, the valuing of the Urban patrimony carries great importance once that represents the physical testimony of a legacy of stories, times and occupations that mark and define the cultural identity of nations.

Hidden in this patrimony, it is also geometries and symmetries that outline this cultural and urban signature on the architecture of buildings, squares, sidewalks, balconies and facades, giving them an unique and attractive for tourists beauty.