

# «Harmony with environment» School in Gaziantep

Kazakhstan Fedyanin Anton 1<sup>st</sup> prize

#### **Multi-Comfort House main factors**

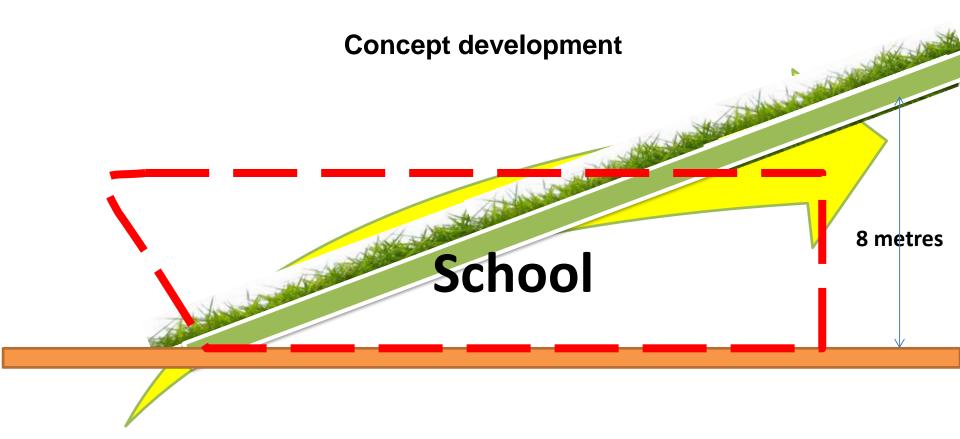
Acoustic comfort Ventilation and Fresh air

Ecology

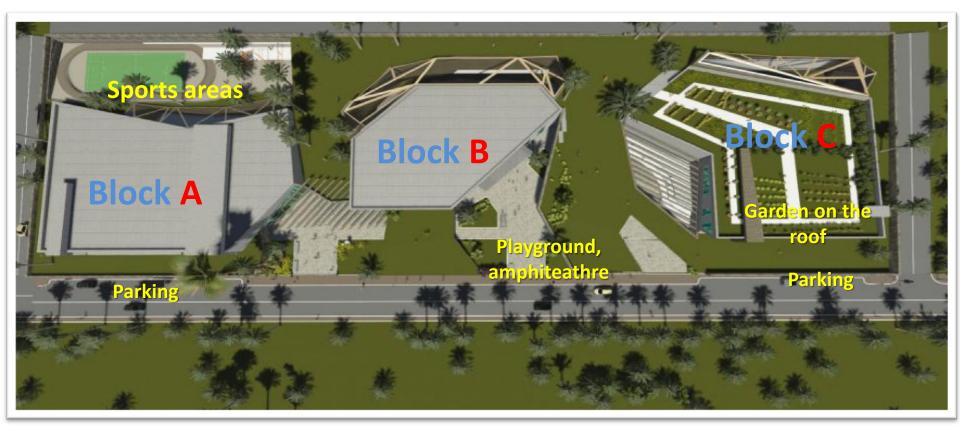
Orientation, windows and lighting

Shape & Effective thermal envelope

#### **Concept development** (Vali Konağı) E=1.00 Hmax=Serbest **İ**dari Tesis **İdari** Tesis 1500 Alanı (Lojman) E=1.00 Hmax=24.50 Park 1000 171.89 ğ-10.00 Ē ģ Orta Öğretim E Go Tesis Ala E=1.00 Hmax=Serbest 10.00 167.73 00 00



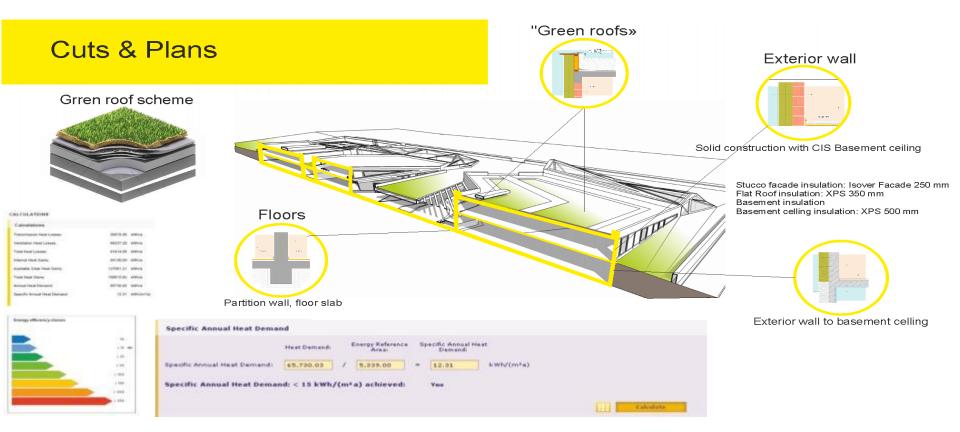
#### **Final composition**



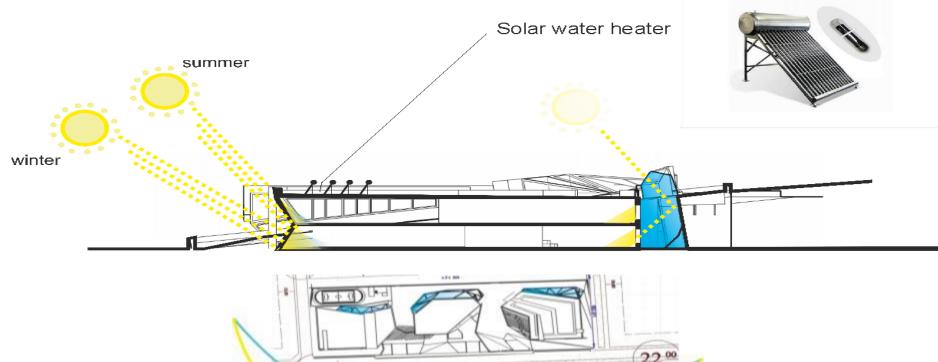
## **3D - Visualization**



#### MCH Criterias – thermal envelope

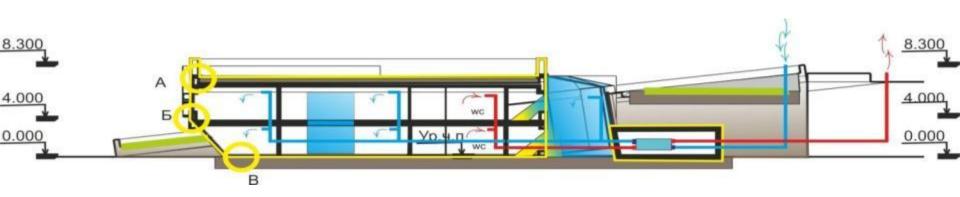


#### MCH Criterias – windows & lightning

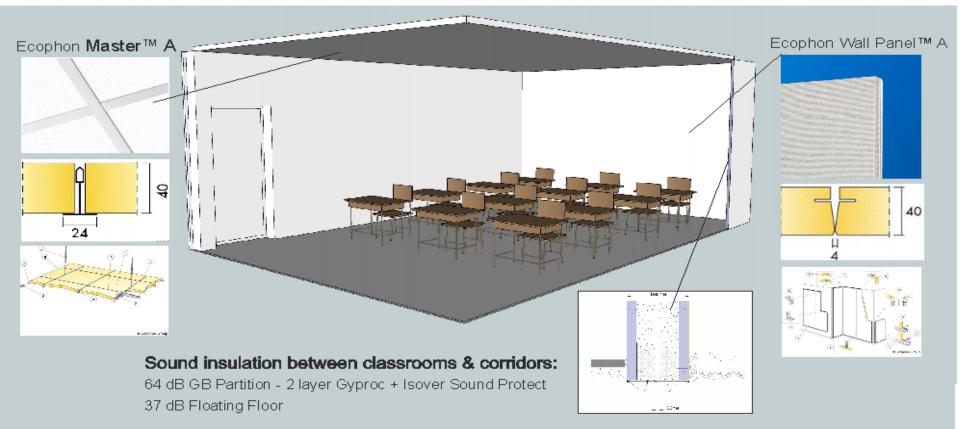




#### MCH Criterias - Ventilation and Fresh air



#### **MCH Criterias - Acoustic comfort**

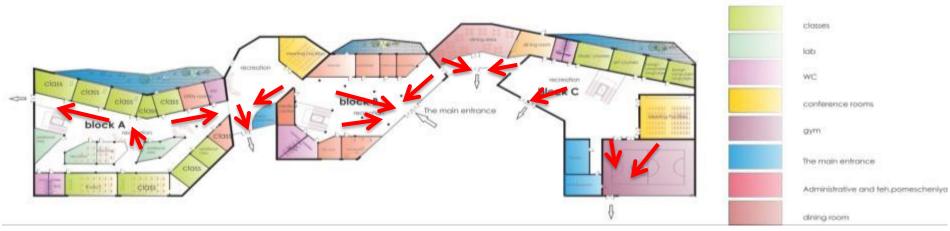


## MCH Criterias – Ecology



#### Access easiness & emergency exits

Plan of the 1<sup>st</sup> floor lev.0.000



#### Estimated school evacuation time = 4-6 min.

#### Harmony with environment



Thermal, Hygienic, Acoustic, Ecological Comfort = Body, Eyes, Ears, Mental Comfort

#### Harmony with environment

