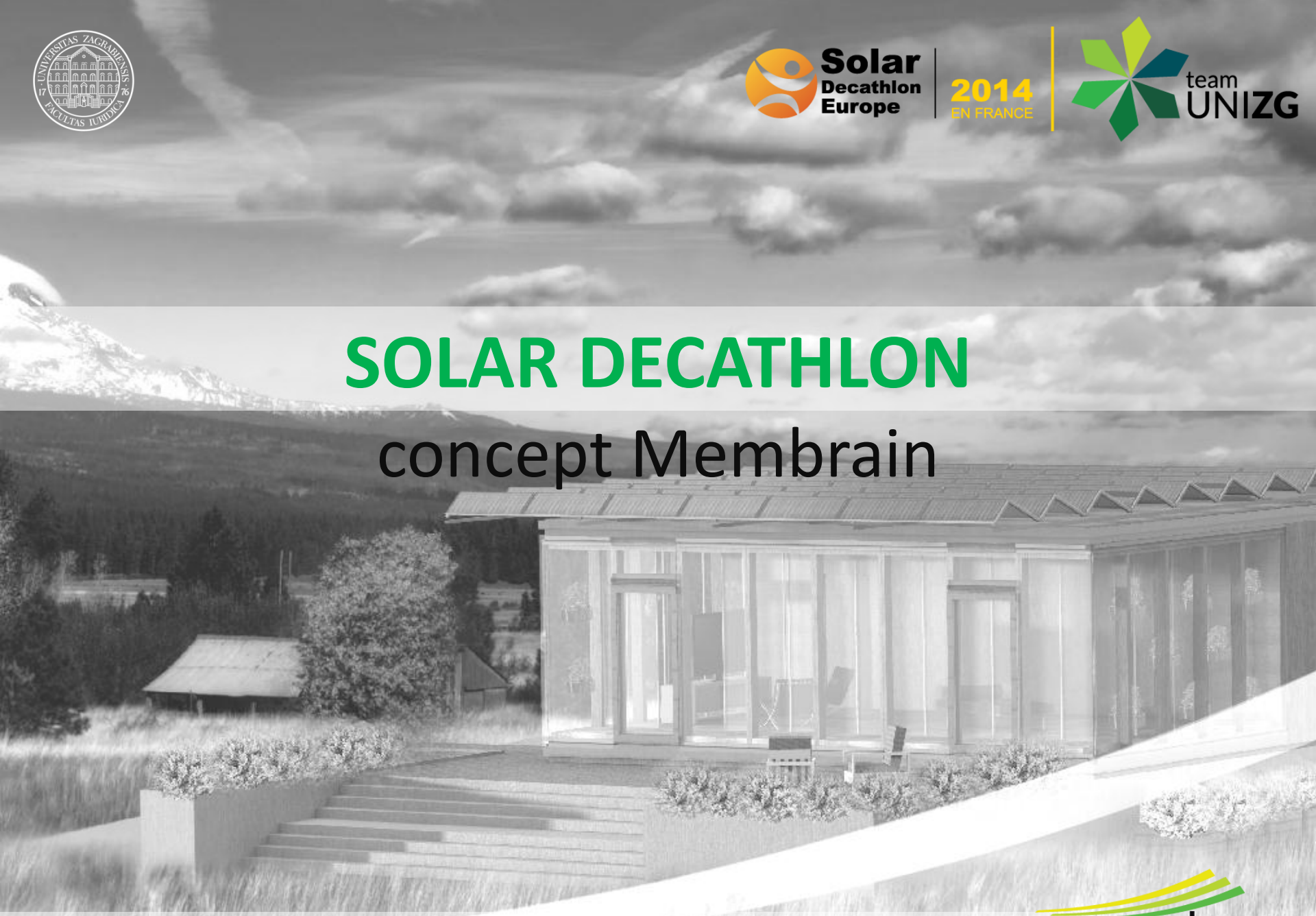
Solar Decathlon Europe 2014 EN FRANCE

team UNIZG

SOLAR DECATHLON

concept Membrain



Hrvoje Nikola Vučemilo, voditelj tima za projektiranje

membrain CONCEPT

TEME

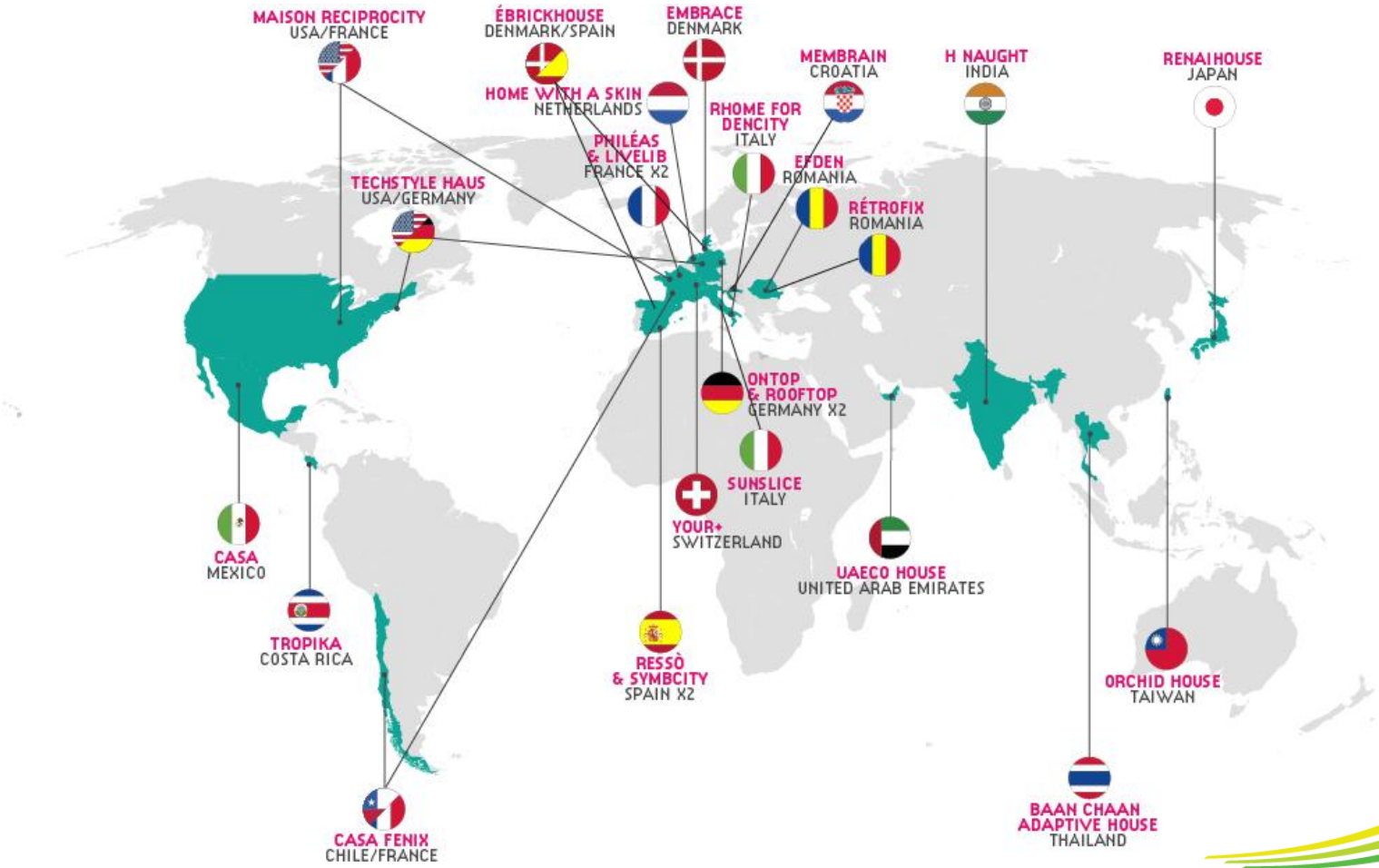
- Solar Decathlon
- Koncept membrain
- Sustavi u kući
- Team UNIZG

SOLAR DECATHLON

Što je Solar Decathlon ?

- izgradnja energetski neovisne montažne građevine
- energija Sunca
- SAD (od 2002.g.), Europa (od 2010.g.), Kina (2013.g.)
- interdisciplinarnost
- održiva gradnja, održiv način života
- 250.000 posjetitelja – Madrid 2012.g.
- 400.000 posjetitelja – predviđanje za Pariz 2014.g.

Pariz 2014.g.


MAISON RECIPROCITY
USA/FRANCE
ÉBRICKHOUSE
DENMARK/SPAIN
EMBRACE
DENMARK
MEMBRAIN
CROATIA
H NAUGHT
INDIA
RENAIHOUSE
JAPAN
HOME WITH A SKIN
NETHERLANDS
RHOME FOR
DENCITY
ITALY
PHILÉAS
& LIVELIB
FRANCE X2
EFDEN
ROMANIA
TECHSTYLE HAUS
USA/GERMANY
RÉTROFIX
ROMANIA
ONTOP
& ROOFTOP
GERMANY X2
SUNSLICE
ITALY
YOUR+
SWITZERLAND
CASA
MEXICO
UAECO HOUSE
UNITED ARAB EMIRATES
TROPIKA
COSTA RICA
RESSÒ
& SYMBCITY
SPAIN X2
ORCHID HOUSE
TAIWAN
CASA FENIX
CHILE/FRANCE
BAAN CHAAN
ADAPTIVE HOUSE
THAILAND

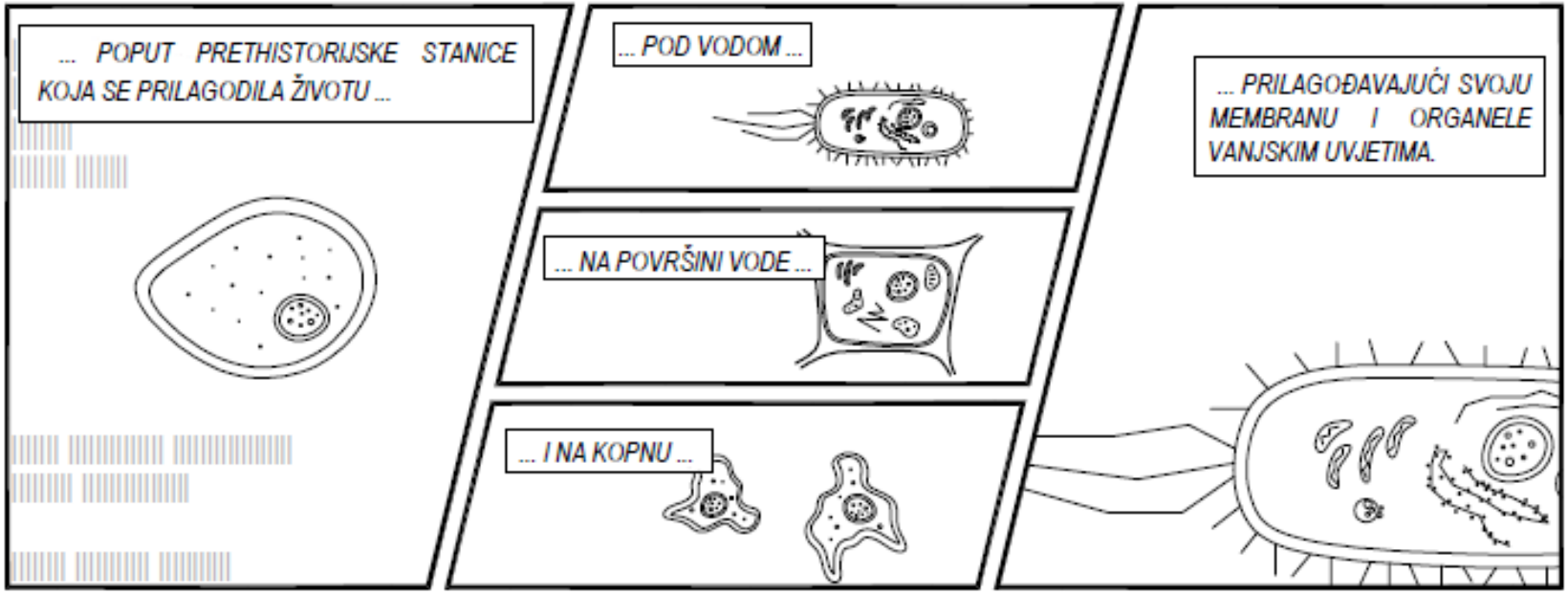
Pariz 2014.g.

SOLAR DECATHLON
EUROPE 2014
WILL TAKE PLACE IN
LA CITÉ DU SOLEIL®
VERSAILLES
DU 28/06 AU 14/07 2014

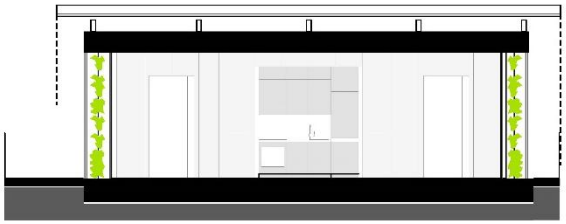
KONCEPT MEM**BRAIN**

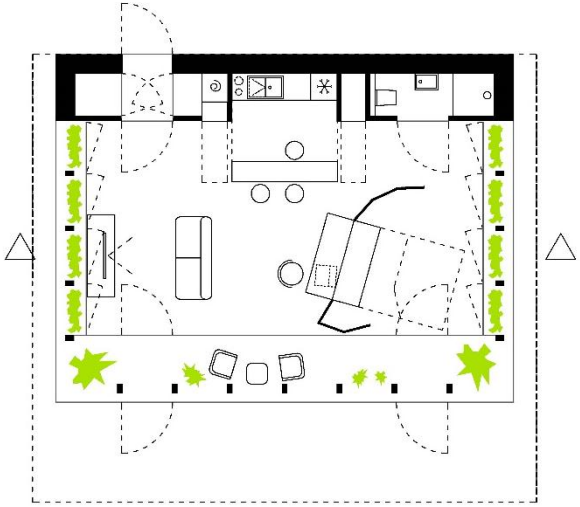
KONCEPT MEM**BRAIN**

koncept - MEMBRAIN

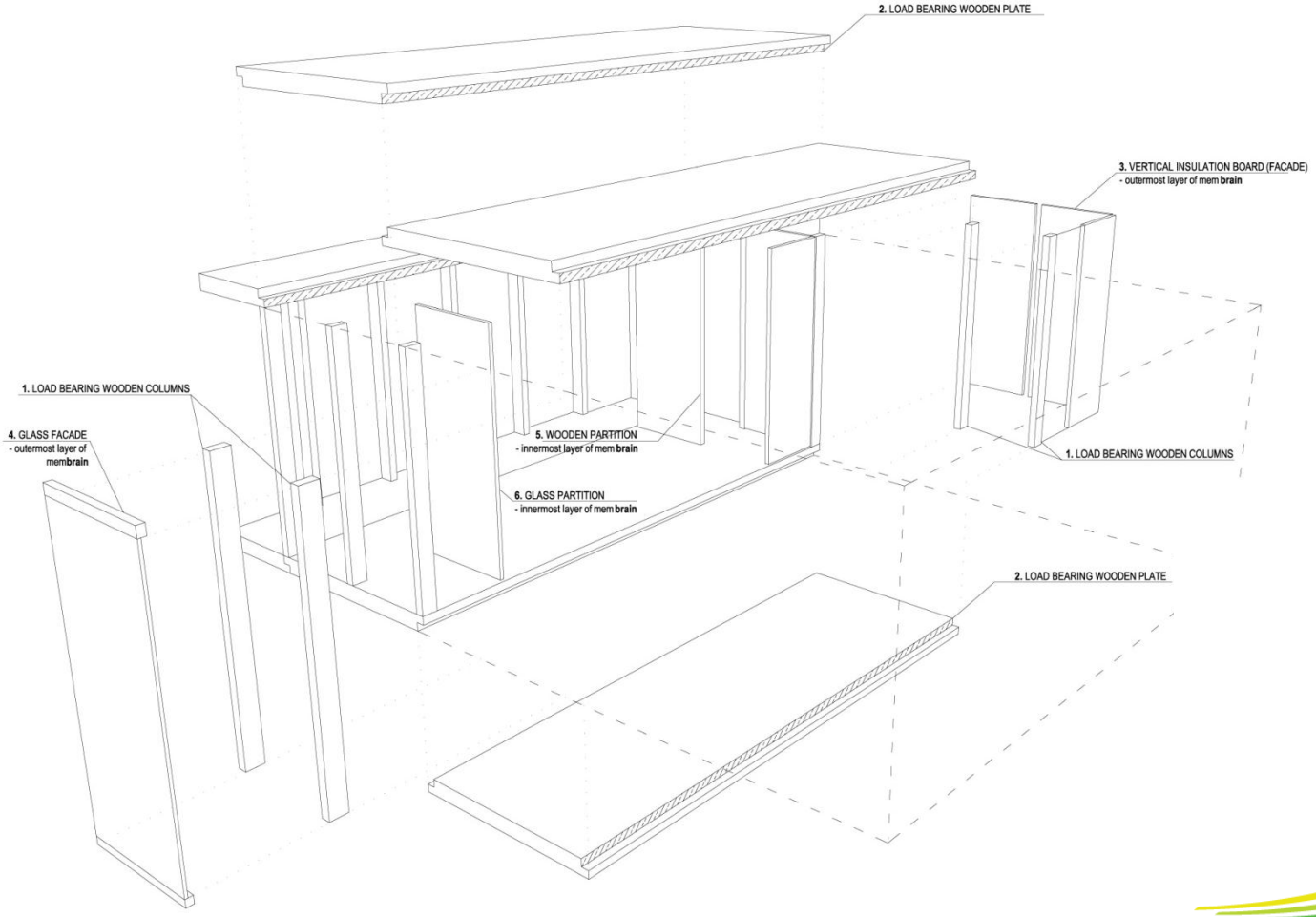


koncept - MEMBRAIN

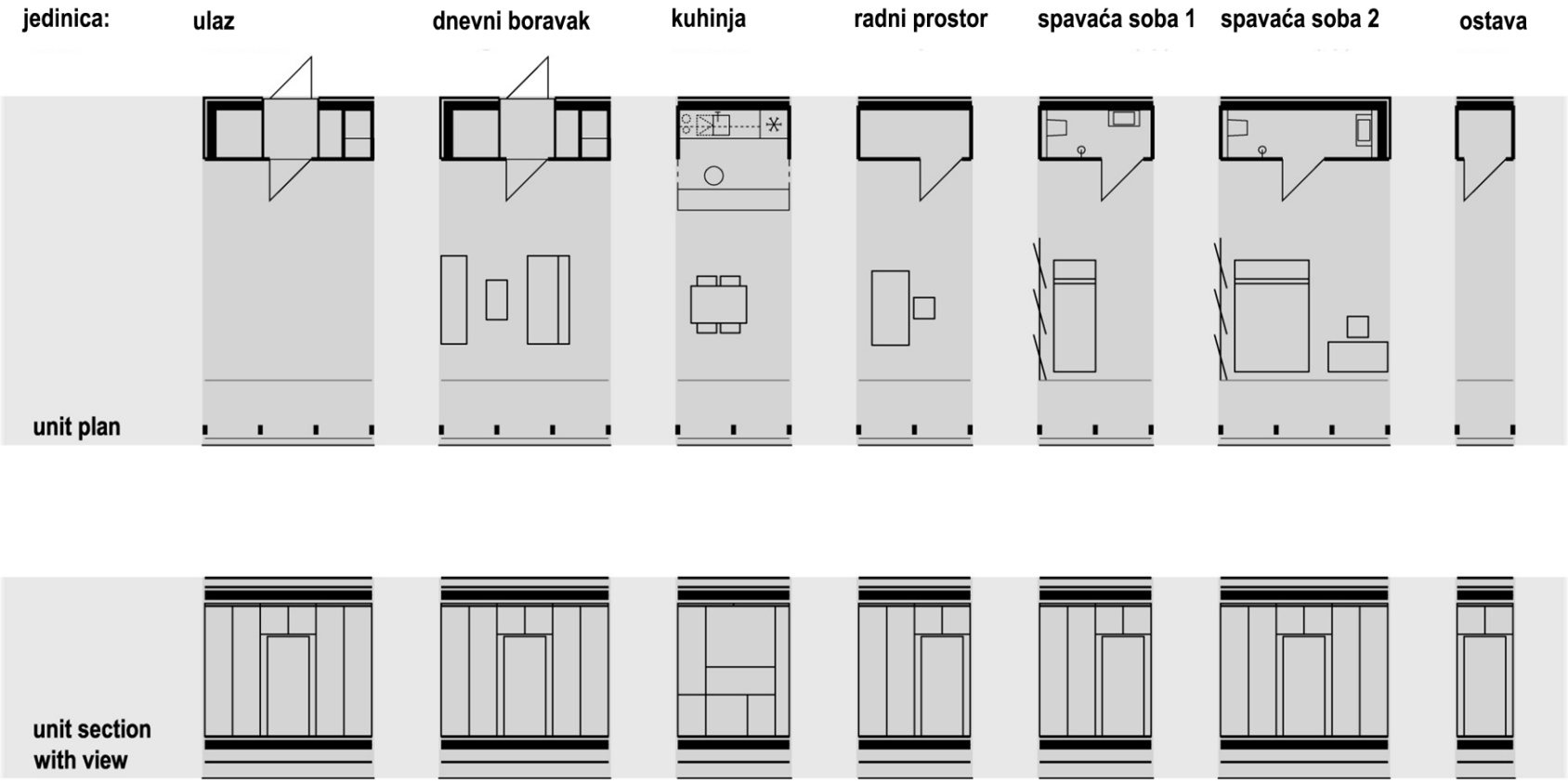




koncept - MEMBRAIN



koncept - MEMBRAIN



početak veće priče – kampus Borongaj

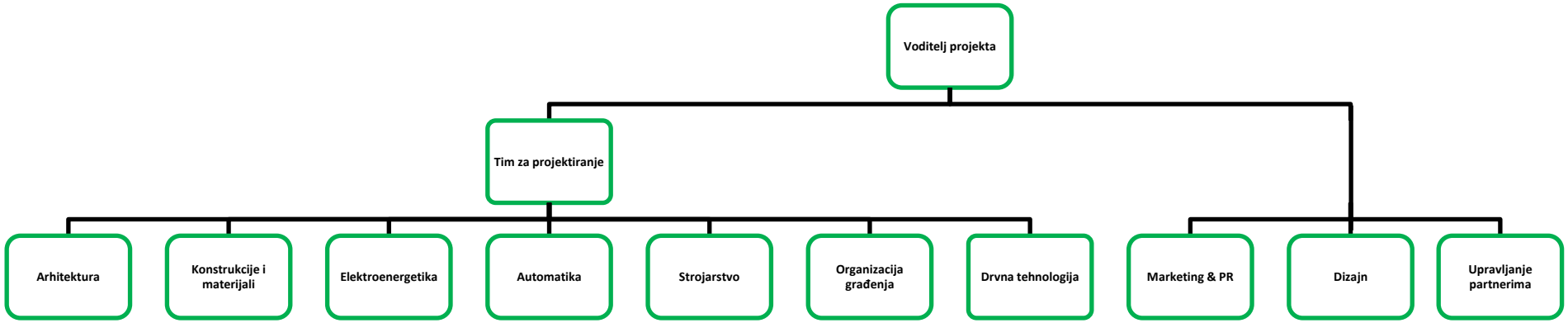
- 500 000 m^2
- 90hA površine
- Fakulteti, domovi, knjižnice, stanovi, poduzetnički inkubatori, centri za održivost…
- **Info centar**
- Centar za održivu gradnju

početak veće priče – kampus Borongaj

SUSTAVI U KUĆI

Team UNI**ZG**

Struktura tima



- tim Sveučilišta u Zagrebu
- 80-ak studenata sa 30-ak mentora
- 13 fakulteta

tim UNIZG

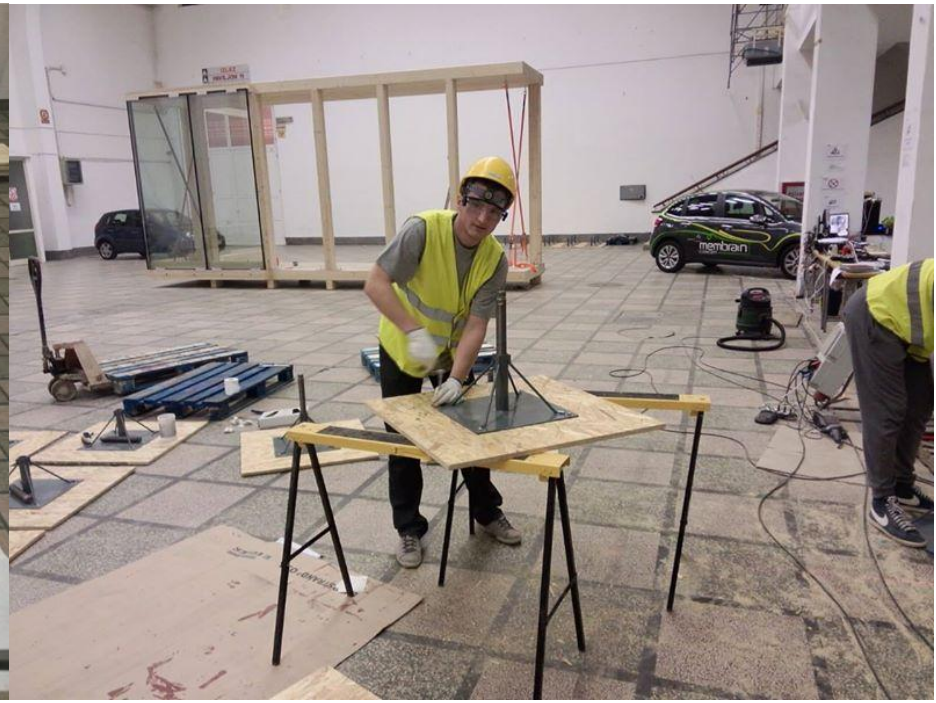
tim UNIZG

nosiva konstrukcija

toplinska izolacija – ovčja vuna

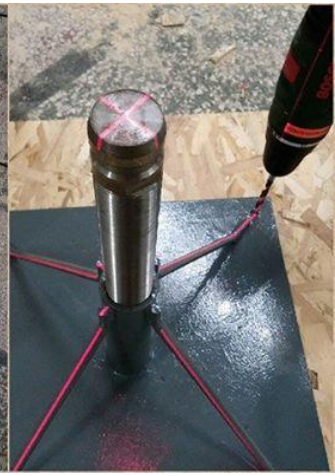
staklenik

temelji



akustičke ploče od drvenih vlakana

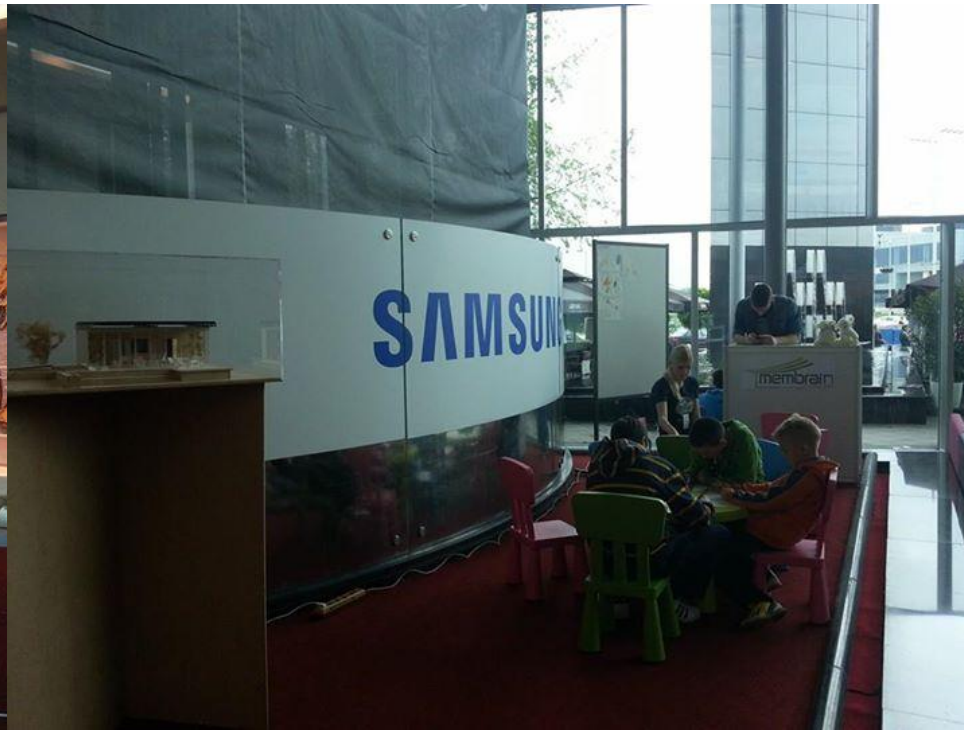
detalji



sponzori

promocije

Upoznajte
MEMBRAIN!
KVIZ ZA PJEGU
+
NAGRADE
membrain
CONCEPT


SAMSUN
membrain

U suradnji sa

Ured predsjednika RH

Ministry of Economy

FOND ZA ZAŠTITU OKOLIŠA I ENERGETSKU UČINKOVITOST

Zagrebačka banka
UniCredit Group

Prva stambena štedionica

Partneri projekta

FACULTY OF ELECTRICAL ENGINEERING AND COMPUTING
Zagreb

FACULTY OF CIVIL ENGINEERING
Zagreb

FACULTY OF ARCHITECTURE
Zagreb

FACULTY OF ECONOMICS AND BUSINESS
Zagreb

FACULTY OF MECHANICAL ENGINEERING AND NAVAL ARCHITECTURE
Zagreb

UNIVERSITY OF ZAGREB

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