

ENVIRONMENTAL EDUCATION AS THE NUCLEUS FOR THE SCHOOL CURRICULUM



Work Experience at the
public school “Los
Sauces”

BARAÑAIN
(NAVARRA)

SPAIN

SMART SCHOOL

Brussels 3 March 2006

BARAÑAIN

Year 1960: Population 68

**YEAR 2006:
Population 23.000**

COLEGIO LOS SAUCES

**515 STUDENTS
47 TEACHERS**

EDUCATIONAL PROJECT



- **PARTICIPATION
LIVING TOGETHER,
TOLERANCE**
- **UNDERSTANDING**
- **DEVELOPMENT OF
CAPACITIES FROM THE
ENVIRONMENTAL
STUDIES**

SYSTEMETIC AND ECOLOGICAL PERSPECTIVE

- **School reality is covered in the global perspective: environmental, social, economical, political, cultural...**
- **Its inter-related with immediate surrounding.**
- **Studied from three points of view:**

SYSTEMATIC AND ECOLOGICAL PERSPECTIVE

- 1. MICRO ENVIRONMENT:** Atmosphere of the class. It's dynamics, Co-operative work “learn with...”
- 2. MESO ENVIRONMENT:** The atmosphere of the town, region etc.
- 3. MACRO ENVIRONMENT :** Nature, ways of production and organisation, tradition, relations and conflicts... Global world.

OUR ECOLOGICAL SCHOOL

**Actions from
Coordination, School
Council, auxiliary
staff.**

Values towards an active citizen

**Open to
European
Projects
(COMENIUS)**

**Agenda 21 and School
(permanent attitude
towards sustainability)**

**Training and
Innovation: CIT**

Decide on

- **Multilevel Didactic Unity**
- **Campaigns**
- **Exhibitions...**

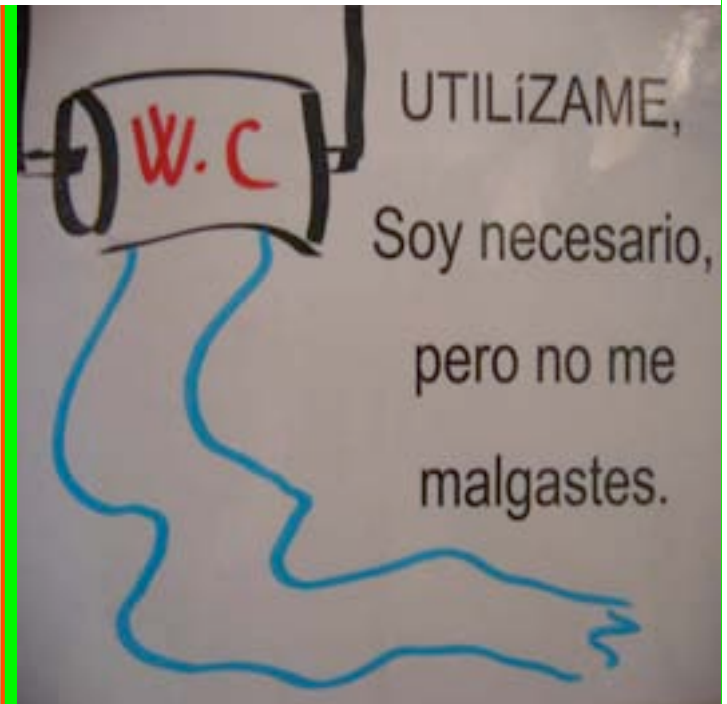
**LEARNING
SPACE**

OUTINGS:

- **Creative strategies**
- **Critical Experiences**
- **Systematisation**
- **Development of capacity**



ATMOSPHERE OF THE CENTRE





Clear and Vital Message

Use of the school corridor



Classification & Analysis

Campaigns & Exhibitions



PERMANENT
Thematic
Exhibitions

EXPERIENCES



Three components: **THOUGHT,**
FEELINGS & ACTION

THE ENERGY CHALLENGE



WE CHALLENGE THE BARAÑAIN LOCAL GOVERNMENT

**Global contribution to the life quality.
Energy savings in the school.
Energy saving at home.
Personal attitude to environment.**

Agenda 21

**ENERGY COMMISSION:
Students, teachers and families**

THE ENERGY: A VITAL EXPERIENCE



INFORMATION PANEL: How much CO2 can we not produce?



ENERGY: SPACE & TIME



COMPARISONS AND TEMPORARY CATEGORIES STUDIES,
before versus now - Evolution - Sustainability...

USE OF BIOMASS AS ENERGY:

- Ergonomic Design of the tools
- Raw material, energy, sustainability
- Repercussions:
 - health of the environment



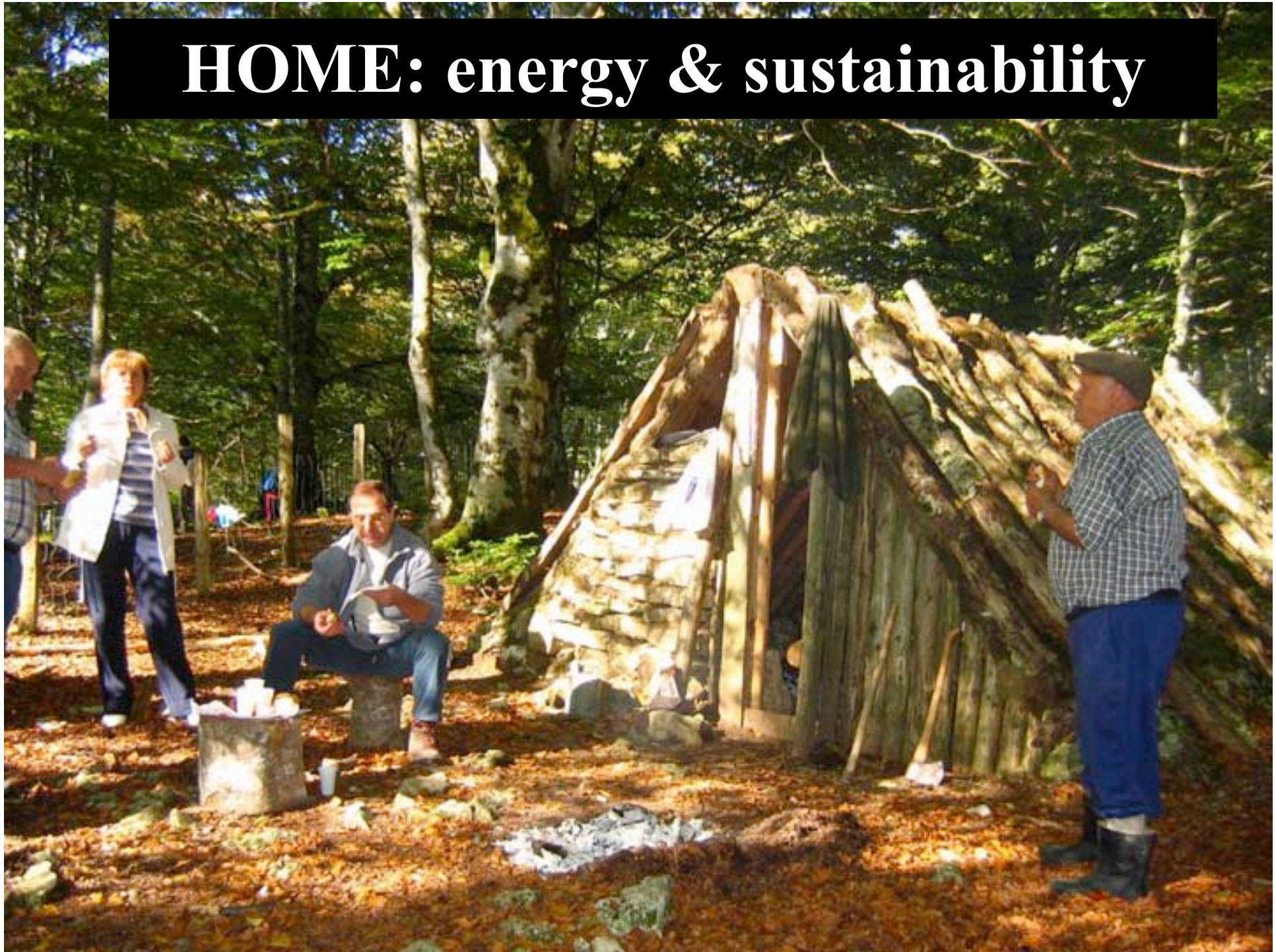


- Environmental Adaptation:
 - tools,
 - cloths
 - houses
 - transport

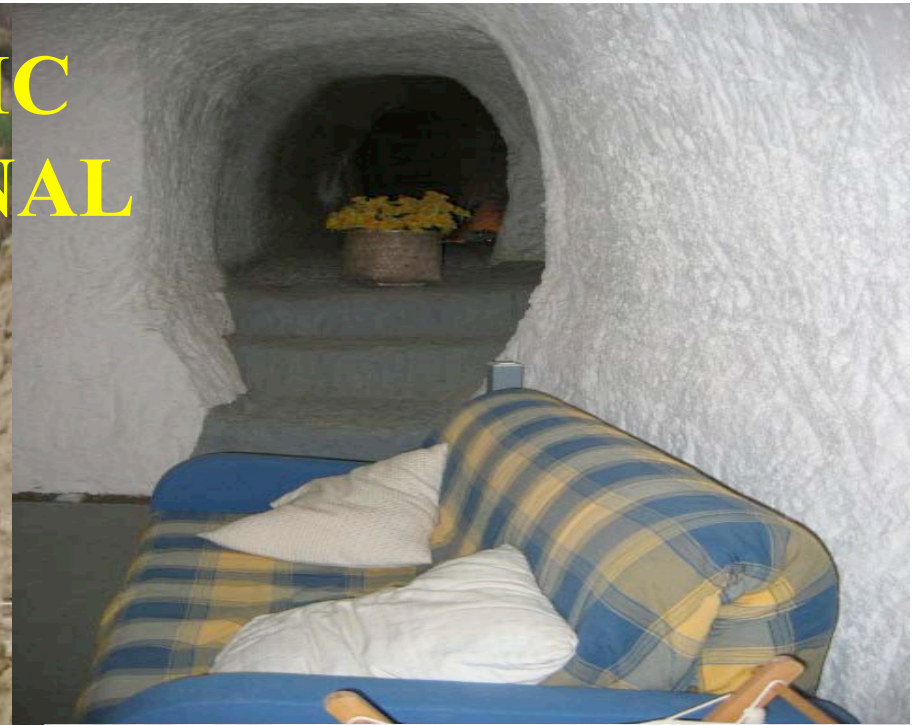
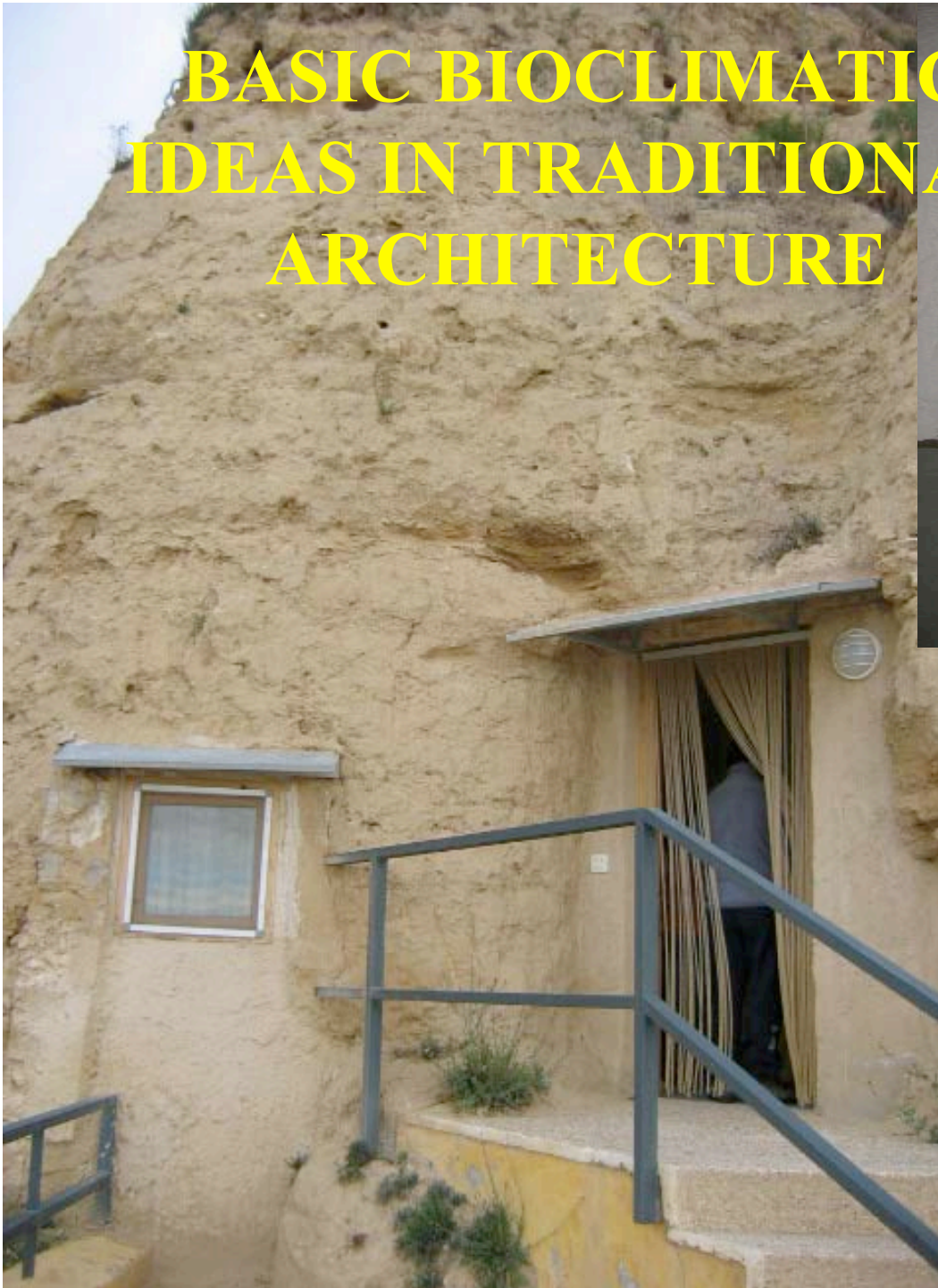


LEARN TO VALUE THE SCARSE RESOURCES: WATER

HOME: energy & sustainability

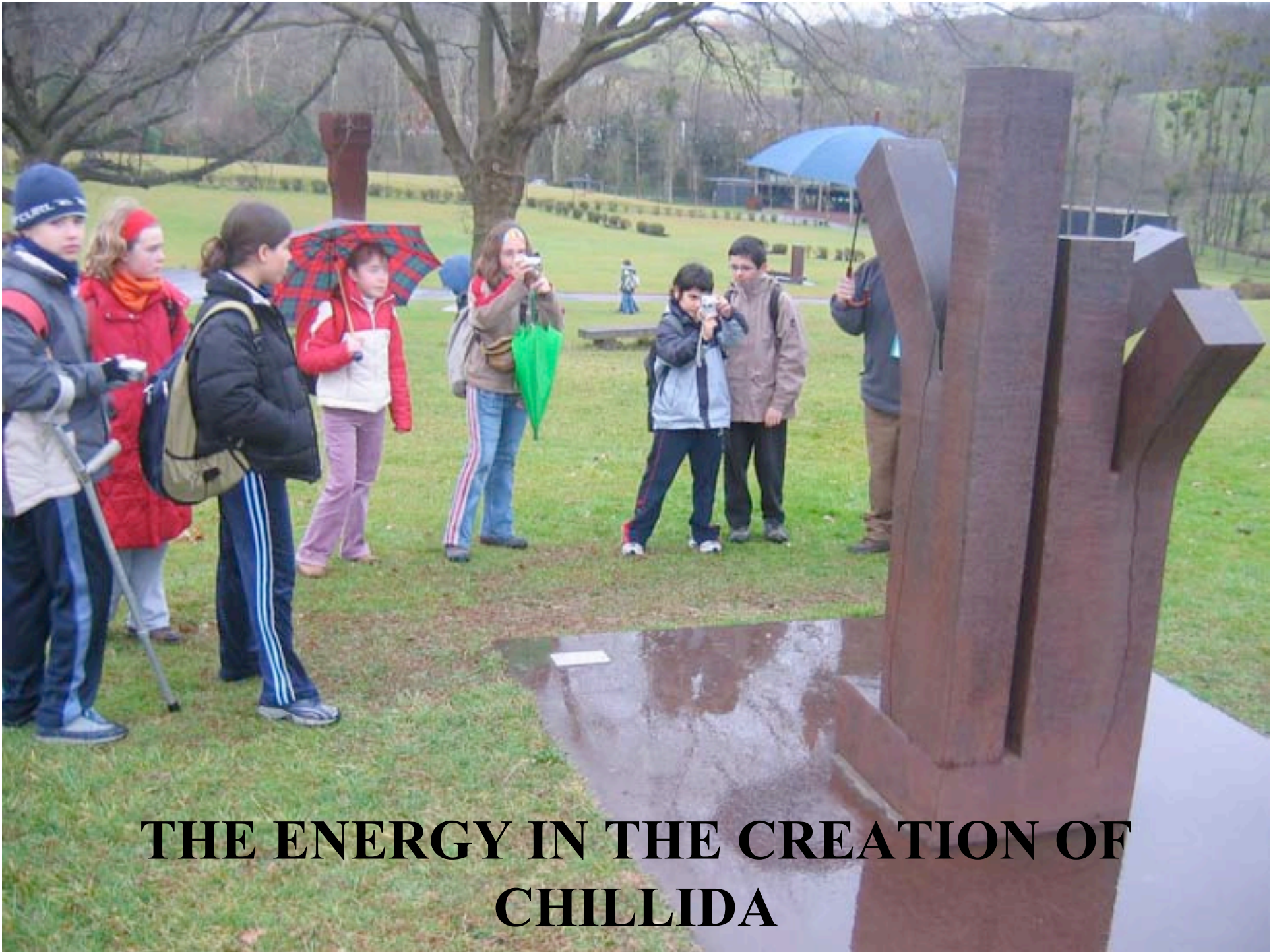


BASIC BIOCLIMATIC IDEAS IN TRADITIONAL ARCHITECTURE

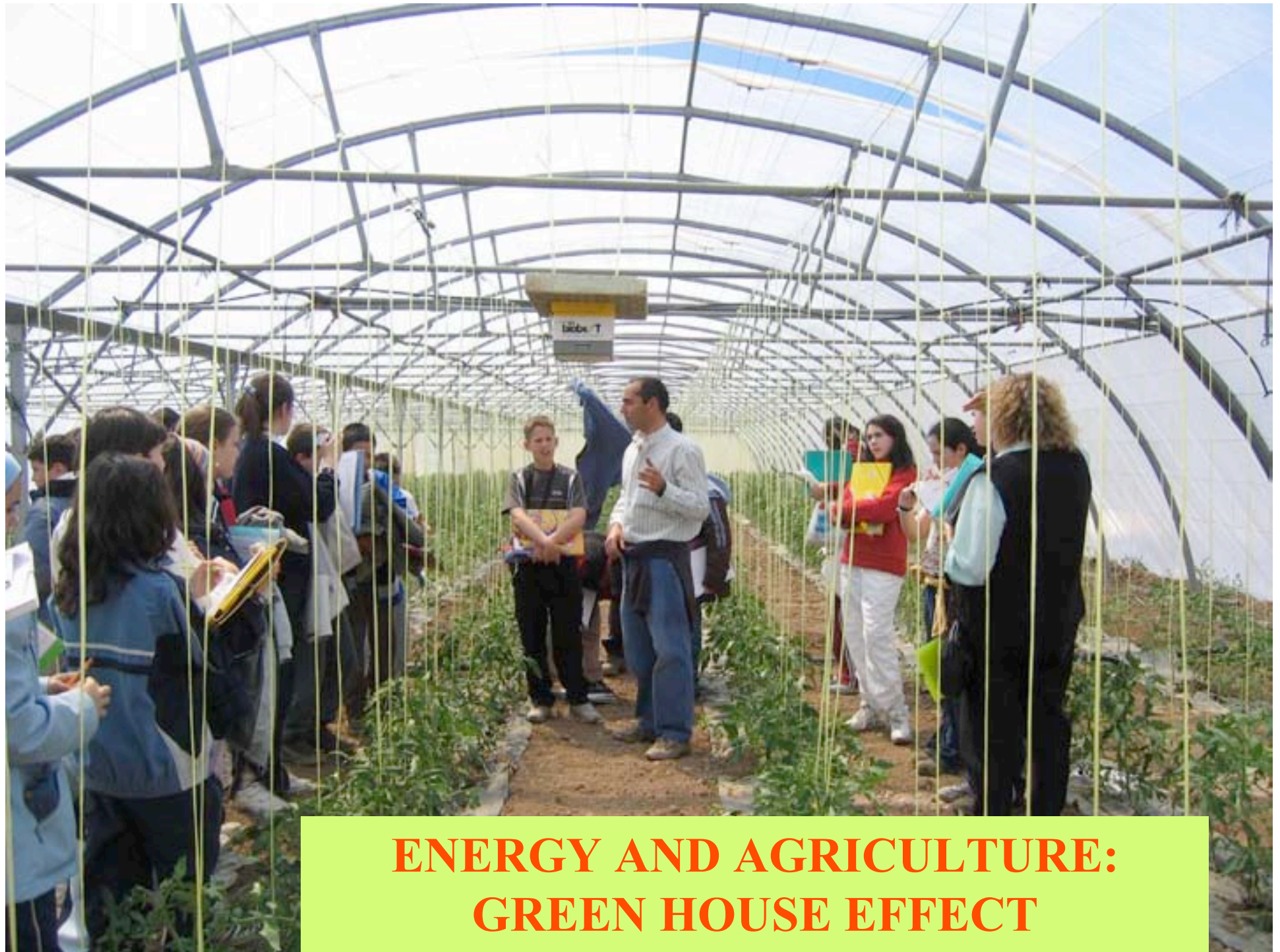


HAPPENING: PLASTIC, DRAMA, MUSICAL





**THE ENERGY IN THE CREATION OF
CHILLIDA**



**ENERGY AND AGRICULTURE:
GREEN HOUSE EFFECT**



LIGHT AND ASPARAGUS GROWTH





WATER
EARTH
FIRE
AIR

ENERGY POWER





FOR AN ATMOSPHERE
WITHOUT POLLUTION





**The good energy of the chocolate at
the end of the party.**

**IMERCI BEAUCOUP!!
THANK YOU VERY MUCH!!**

Contact

José Ignacio Juanbeltz

artekosaro@wanadoo.es

