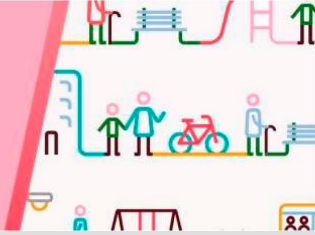


# JORNADAS OPW “SI PARTICIPAS DECIDES MADRID 2021”

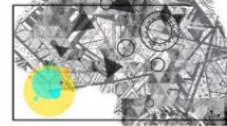
Semana de la Administración Abierta  
Si Participas,  
Decides Madrid 2021  
18, 19 Y 20 DE MAYO



Decide  
Madrid



# UNIVERSITIES AS SEEDS OF PUBLIC PARTICIPATION THE CASE OF MAKENI IN SIERRA LEONE



HOME ABOUT SEEDINGS GALLERY

## HD\_Lab

Habitability and Development Lab



ABOUT SEEDINGS - WORKING GROUPS SIERRA LEONE OUTREACH WORKING TRIPS USEFUL LINKS



**LUIS PEREA**

Assistant Lecturer in Urban and Regional Planning  
Coordinator for International Cooperation USP CEU  
20 May 2021

Interesados contactar con: [lperea.ops@ceu.es](mailto:lperea.ops@ceu.es)

Más info del proyecto en la web: <https://hdlabceu.wixsite.com/hdlabceu>





**SIERRA LEONE**

Population: 7.813.215 HAB (WB. 2019)

Density: 83 hab/km<sup>2</sup> (72.000 km<sup>2</sup>)

**SPAIN**

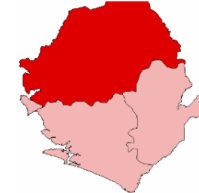
Population: 47.351.567 HAB (INE. 2020)

Density: 93 hab/km<sup>2</sup> (506.990 km<sup>2</sup>)

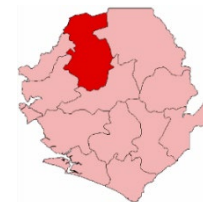
Source: Annual Statistical Digest 2005/2006 and population Census 2015



**NORTHERN PROVINCE (2.502.805 PEOPLE)**



**BOMBALI DISTRICT (606.183 PEOPLE)**



# Human Development Index and its components

HDI RANK	Human Development Index (HDI)	SDG 3	SDG 4.3	SDG 4.4	SDG 8.5	
		Life expectancy at birth	Expected years of schooling	Mean years of schooling	Gross national income (GNI) per capita	
		(years)	(years)	(years)	(2017 PPP \$)	
2019	2019 <sup>a</sup>	2019 <sup>a</sup>	2019			
<b>Very high human development</b>						
1	Norway	0.957	82.3	18.7 <sup>b</sup>	12.7	68,371
2	Ireland	0.955	83.8	16.3	13.4	69,394
2	Switzerland	0.955	84.9	16.9	12.3	62,985
4	Hong Kong, China (SAR)	0.949	83.0	19.1 <sup>b</sup>	12.8 <sup>c</sup>	54,682
4	Iceland	0.949	81.3	17.0	14.2	55,314
6	Germany	0.947	82.8	19.5 <sup>b</sup>	12.5	54,508
7	Sweden	0.945	83.4	22.0 <sup>b</sup>	12.7 <sup>c</sup>	48,085
8	Australia	0.944	82.3	18.5 <sup>b</sup>	12.4	57,707
8	Netherlands	0.944	80.9	18.9 <sup>b</sup>	12.6 <sup>c</sup>	58,662
10	Denmark	0.940	81.9	19.4 <sup>b</sup>	12.8	48,511
11	Finland	0.938	83.6	16.4	11.6	88,155 <sup>d</sup>
11	Singapore	0.938	81.3	17.5	13.2	46,071
13	United Kingdom	0.932	81.6	19.8 <sup>b</sup>	12.1 <sup>e</sup>	52,085
14	Belgium	0.931	82.3	18.8 <sup>b</sup>	12.8 <sup>c</sup>	40,799
14	New Zealand	0.931	82.4	16.2	13.4 <sup>c</sup>	48,527
16	Canada	0.929	78.9	16.3	13.4	63,826
17	United States	0.926	81.5	16.1	12.5 <sup>c</sup>	56,197
18	Austria	0.922	83.0	16.2	13.0	40,187
19	Israel	0.919	84.6	15.2	12.9 <sup>f</sup>	42,932
19	Japan	0.919	80.7 <sup>g</sup>	14.9	12.5 <sup>h</sup>	131,032 <sup>di</sup>
19	Liechtenstein	0.919	81.3	17.6	12.7	38,080
22	Slovenia	0.917	83.0	16.5	12.2	43,044
23	Korea (Republic of)	0.916	82.3	14.3	12.3 <sup>e</sup>	72,712
23	Luxembourg	0.916	83.6	17.6	10.3	40,975
25	Spain	0.904	54.7	10.2 <sup>j</sup>	3.7 <sup>i</sup>	1,668
182/189	Sierra Leone	0.452	59.3	7.5	2.4 <sup>m</sup>	2,269
184	Mali	0.434	61.6	11.1	3.3 <sup>p</sup>	754
185	Burundi	0.433	57.9	5.3 <sup>n</sup>	4.8 <sup>n</sup>	2,003 <sup>u</sup>
185	South Sudan	0.433	54.2	7.3	2.5 <sup>p</sup>	1,555
187	Chad	0.398	53.3	7.6 <sup>i</sup>	4.3 <sup>f</sup>	993
188	Central African Republic	0.397	62.4	6.5	2.1 <sup>j</sup>	1,201
189	Niger	0.394				

THE  
BIG  
GAP

LIFE  
EXPECTANCY

EDUCATION

INCOME

182/189

1. What domain is the case / or the experience?

Inter-university development cooperation

2009-2021 (on going)



University of Makeni  
UNIMAK



CEU San Pablo University  
Madrid



Pastoral and Volunteering  
+  
Vice-rectorate of  
Internationalization

**“CEU-UNIMAK Seeding groups”. Working groups in both Universities**

ARCHITECTURE -  
DEVELOPMENT

ECONOMICS

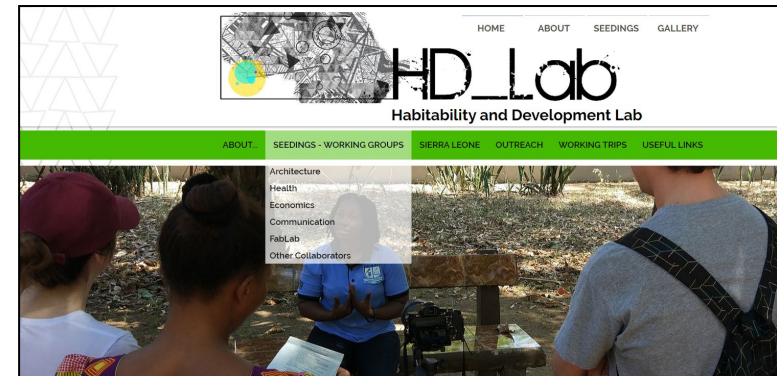
HUMANITIES AND  
COMMUNICATION

HEALTH

**HD\_LAB**  
Habitability and Development Laboratory  
Multidisciplinary Unit



<http://hdlabceu.wix.com/hdlabceu>



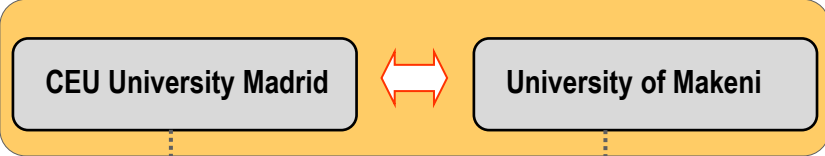
**Training - Research - Participation - Action**

**ARCHITECTURE - DEVELOPMENT**

**PARTICIPANTS**

MADRID

MAKENI



Universities and Groups in Madrid (UPM, ICHAB, UNED,...)

NGOs, Institutions,.. (Manos Unidas, ISF, INECO, Getinsa,...)

Makeni City Council

Local communities

Schools, Cáritas Makeni

Others (PNUD, District, Civil Society,...)

**PARTICIPATION-ACTION-RESEARCH**

**HD\_LAB** Laboratory of Habitability and Development  
Multidisciplinary Unit in San Pablo CEU



- Workshops
- Proposals developed in academic courses
- Research
- Sensitization
- Publications, articles, ...



PROJECTS IN MADRID  
ACTION IN MAKENI

**MAIN PROJECTS – INITIAL RESULTS**

1. Master Plan Unimak Campus
2. Guest House
3. Academic support
4. School of Health

**UNIVERSITY**

5. First maps and model of Makeni
6. Strategic Urban Plan for Makeni
7. Urban process and training

**CITY OF MAKENI**

8. Upgrading Neighbourhood Programme

**NEIGHBOURHOODS - VILLAGES**

9. Social actions and WaSH in Schools

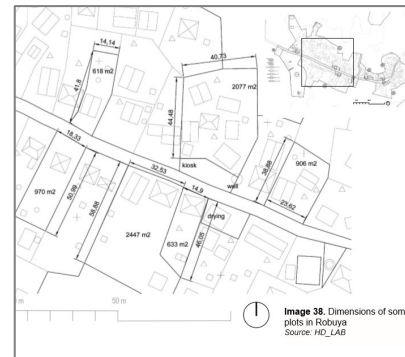
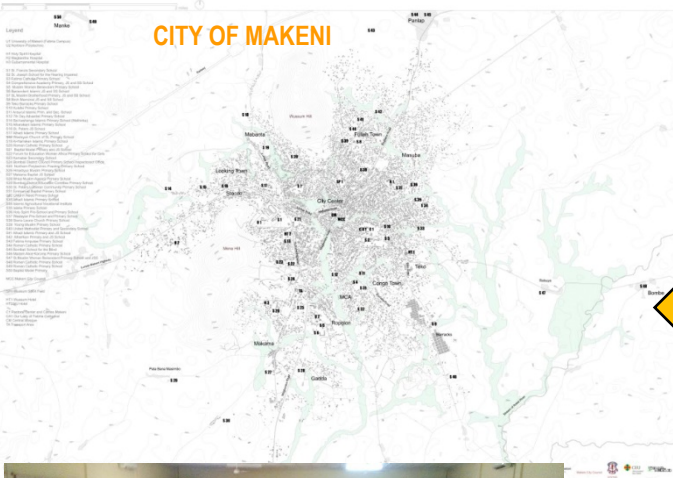
**SOCIAL ACTIONS**

## 2. Explain it briefly.(area planning, blockchain, civil society and lobbying...)

- Area planning: Multidisciplinary approach
- Blockchain: Involving students, lecturers, creating groups (seedings), promote autonomy and permanent contact
- Civil Society: Universities, City council, local communities, hospitals, NGOs,...
- Lobbying: Involving international agencies (UN-Habitat, WB,..) partners in Spain (Plataforma África, UPM, UNED,...)

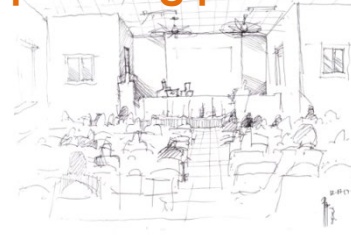
# 4 fields of action / scales of participation

1. MAKENI CITY. Planning process, participation, cartography, proposals
2. UPGRADING NEIGHBORHOODS-VILLAGES. Working with local communities
3. UNIVERSITY OF MAKENI. Training, proposals for campus, new buildings
4. SOCIAL ACTIONS. Improving Wash and Workshops in schools





# 1. MAKENI CITY: Starting the urban planning process



Foro: Julio de 2013 – dibujos de Pablo Benito



Foro: Julio de 2013 – Estudiantes + profesores trabajando horizontalmente con la sociedad local en busca de soluciones para el desarrollo de su ciudad.

## FIRST WORKSHOP. DETECTING PRIORITIES. JULY 2013

The main city stakeholders were called and organized into five groups according to 5 thematic areas, the priority elements for Makeni were defined. The organization was carried out jointly between the CEU, Unimak and the city of Makeni.

**Towards a Sustainable Makeni**  
A workshop to think in the future of the city

Discussion Forum. With the participation of the main stakeholders

- 1.-Governance and public participation
- 2.-Environment and biodiversity
- 3.-Infrastructure and equipment
- 4.-Urban planning, mobility and quality of life
- 5.-Economic activity, employment and social cohesion

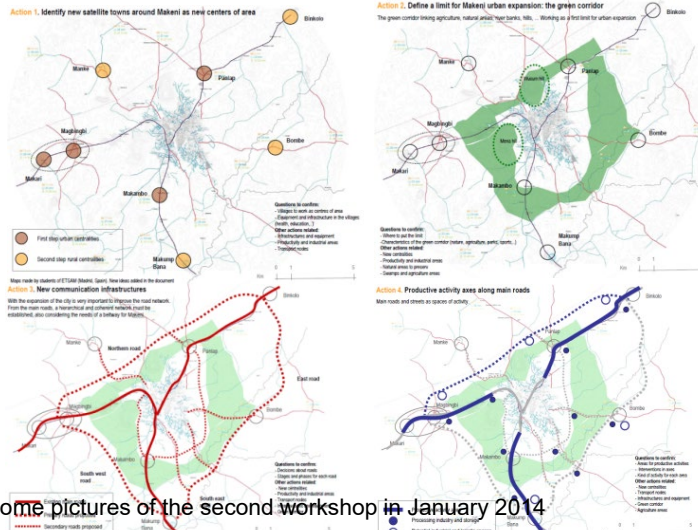
Organization:  
Unimak, CEU San Pablo University and Makeni City Council



kshop

## SECOND WORKSHOP. FIRST IDEAS FOR THE DISCUSSION. JANUARY 2014

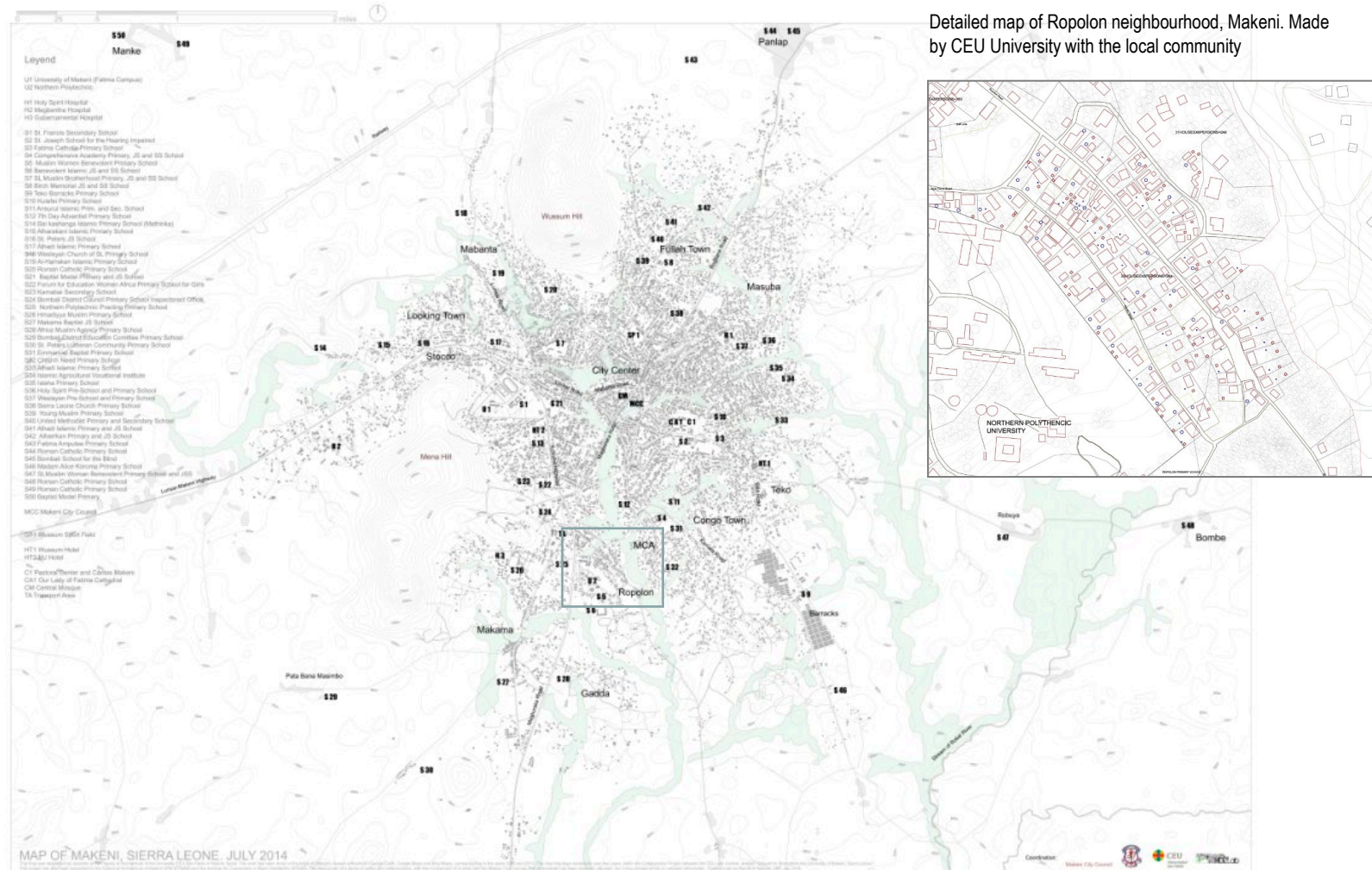
Presented as first diagrams during the participatory workshop organized in Makeni, **January 2014**. It was **based in the first workshop in Makeni (July 2013)**. A MoU among MCC, Unimak and CEU University was signed to get a strategic plan.



Some pictures of the second workshop in January 2014

# MAPPING MAKENI CITY

The evolution of the cartography has been a continuous work from Madrid, trying to improve the information of the city. Map at the left drawn by CEU San Pablo University (Madrid). The location of Hospitals, Schools and other areas is indicated.



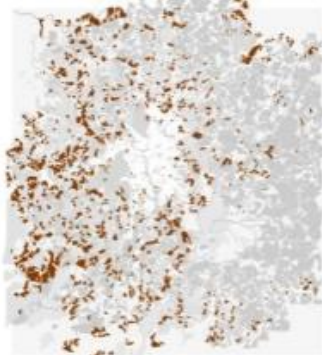
Detailed map of Ropolon neighbourhood, Makeni. Made by CEU University with the local community



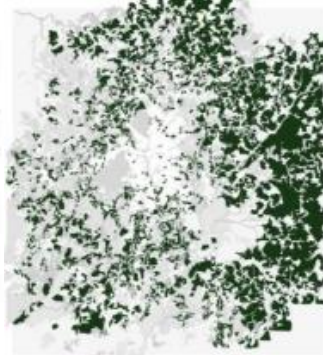
*Sistema hídrico permanente*



*Cultivos de regadío inundables*



*Cultivo de Palma*



*Masa forestal arbórea y vegetal*



*Cultivos de secano*



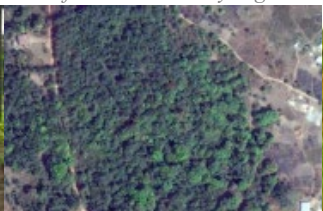
*Montañas*



*Suelos granates*



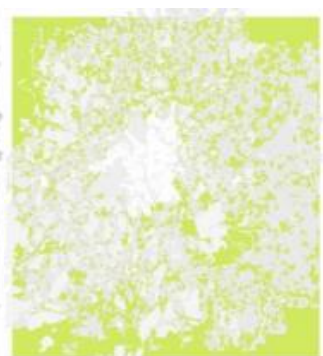
*Actividades extractivas*



*Vegetación de monte bajo*



*Asentamientos Humanos*



## THIRD WORKSHOP. TOWARDS IMPLEMENTING ACTIONS . JANUARY 2016

**1. APPROACH.** Workshop with theoretical sessions (TS), practices (PS) and fieldwork (FW), for working about planning Makeni in **two levels: City Scale and Neighbourhood Scale.**

**2. GOALS.** Raising awareness, disseminating, involving stakeholders, training and working together with the main urban actors of Makeni, in decision-making for the development of the Strategic Plan of Makeni. **Discussion about the new proposals presented by CEU San Pablo University**

**3. PARTICIPANTS.** Mainly technicians and decision makers in Makeni: Landowners, Staff and students of the University of Makeni, Makeni City Council, Bombali District, Northern Province, Ministry of Lands, Country Planning and Environment, other administrative areas, SALWACO (water and sanitation in SL), roads authorities, Paramount Chief and other relevant people in the city management.



# MADRID PLANNING AFRICAN CITIES. JUNE 2016



## PLANNING THE AFRICAN CITY THE CASE OF MAKENI, SIERRA LEONE

The important recent urban sprawl of the most disadvantaged contexts is the biggest challenge facing the global habitability. According to UN-Habitat, in 2030 will be in sub-Saharan Africa about 76.5 million new urban dwellers (which is equivalent to the total of the current European population). The habitability deficits, the scarce economic resources, the lack of skilled personnel, a weak regulatory framework, the attachment to the traditions and primary activities, are just some factors that increase the difficulties.

Makeni, Sierra Leone, is a paradigmatic city of such realities. With an estimated 120,000 people in recent years is evident the urban expansion beyond the limits of the city through a model of dispersed occupation.

The challenge of urban expansion in developing countries is therefore the leitmotif of this activity, aimed at researchers, planners, students and other interested professionals.

### Polytechnic School\_CEU San Pablo University

Campus Montepíncipe, Boadilla del Monte, Madrid  
Salón de Actos (sala amarilla)

**23 JUNE 2016**

Please, confirm attendance at: [voluntariado@ceu.es](mailto:voluntariado@ceu.es)

#### 9:30: Institutional Presentation

**Jesús Paal** ... Vice Chancellor International Relations USP CEU  
**Andrés Ramos** ... Director of Pastoral and Volunteer Programs FJSP CEU  
**Madam Sunkarie Kaba Kamara** ... Mayor of Makeni  
**Fr. Joe Turay** ... Vice Chancellor University of Makeni

#### 10:00: Project CEU-Unimak- Makeni City Council

**Luis Perea** ... PhD Architect, Coordinator International Cooperation USP/CEU  
**Cristina Laorden** ... Pastoral and Volunteer Programs FJSP CEU  
**Fr. Joe Turay** ... Vice Chancellor University of Makeni

#### 10:30: Makeni. Urban Management and Main Challenges

**Madam Sunkarie Kaba Kamara** ... Mayor of Makeni  
**William Alpha** ... Chief Administrator of Makeni City Council

#### 11:30: Break

#### 12:00: Brief Thematic Lectures

1. Governance and Public Participation.  
Project Madrid Think Tank

**Carlos Lahoz** ... Vice Dean COAM, PhD Architect and lecturer at USP CEU.

2. Environment and Biodiversity  
Sacred forests in the African city planning

**Pablo Martínez-Anguita** ... PhD Forest Engineer and lecturer at RJC University

3. Infrastructures and Facilities.  
Low Cost Sanitation Alternatives

**José Antonio Mancebo** ... PhD Engineer and lecturer at ETSI, member of ONGAWA

- Infrastructures from a Business Perspective

**Miguel Ángel Reguero (Getisna-Payma)** ... Master in civil engineering

#### 14:00: Lunch

#### 15:30: Brief Thematic Lectures (continuation)

4. Urban Planning, Mobility and Life Quality  
Implementation of Planning

**Marta Lara Tamayo** ... PhD Lawyer and lecturer at UNED.

5. Housing

Guided Occupation as an Urban Development Alternative

**Belén Gesto** ... PhD Architect and lecturer at ETSAM.

6. Economic Activity, Employment and Social Cohesion  
Management of Development Aid

**José María Larri** ... PhD Economist and lecturer at USP CEU

- Entrepreneurship in Developing Contexts

**Diego Palao** ... Economist

#### 18:00: Expert Roundtable and conclusions

**Roberto Goycoolea** ... PhD Architect and lecturer at UAH

**Paz Nuñez** ... PhD Architect and lecturer at UAH

**Felipe Colavidas** ... PhD Architect and cofounder of ICHAB

Other participants to confirm

Exhibition of USP CEU students work on Makeni

Blog HQ\_UABCEU with information about Makeni: <http://hdabceu.wix.com/hdabceu>

Organizers:



Makeni City Council

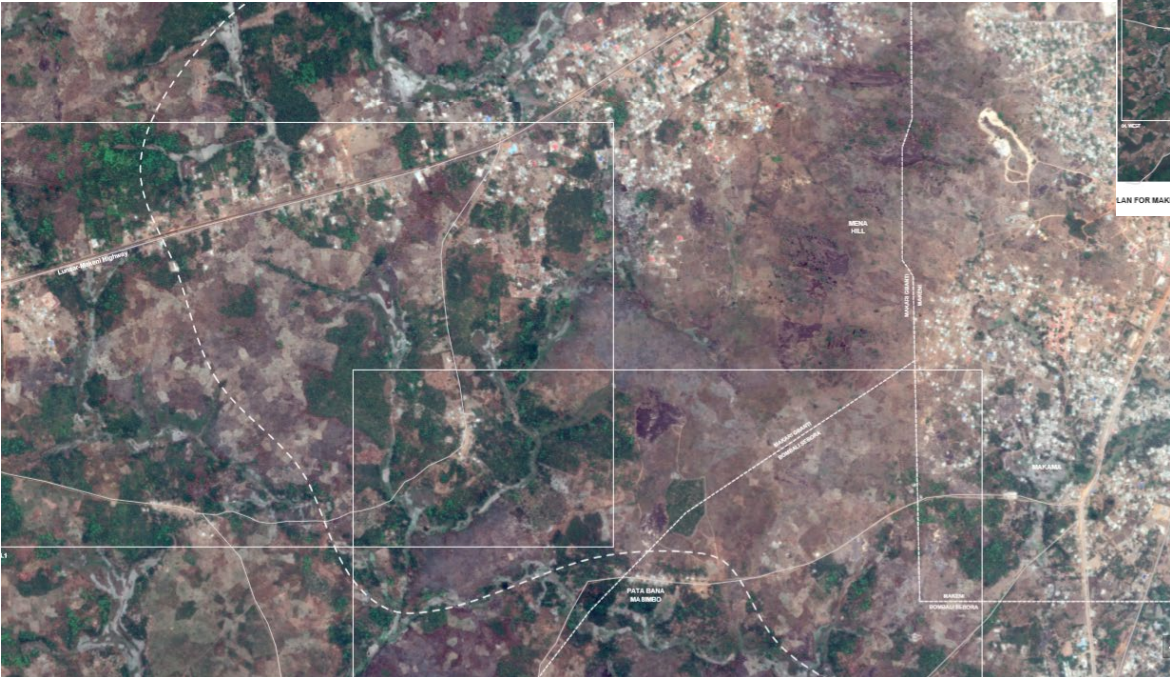
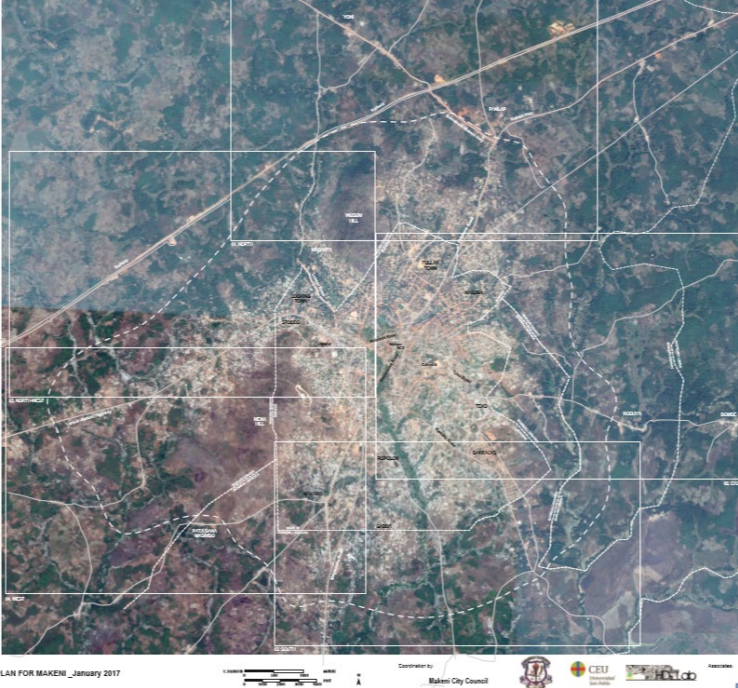
Collaborators:



oteta@payma.com



# DISCUSSIONS ABOUT THE RING ROAD . JANUARY 2017



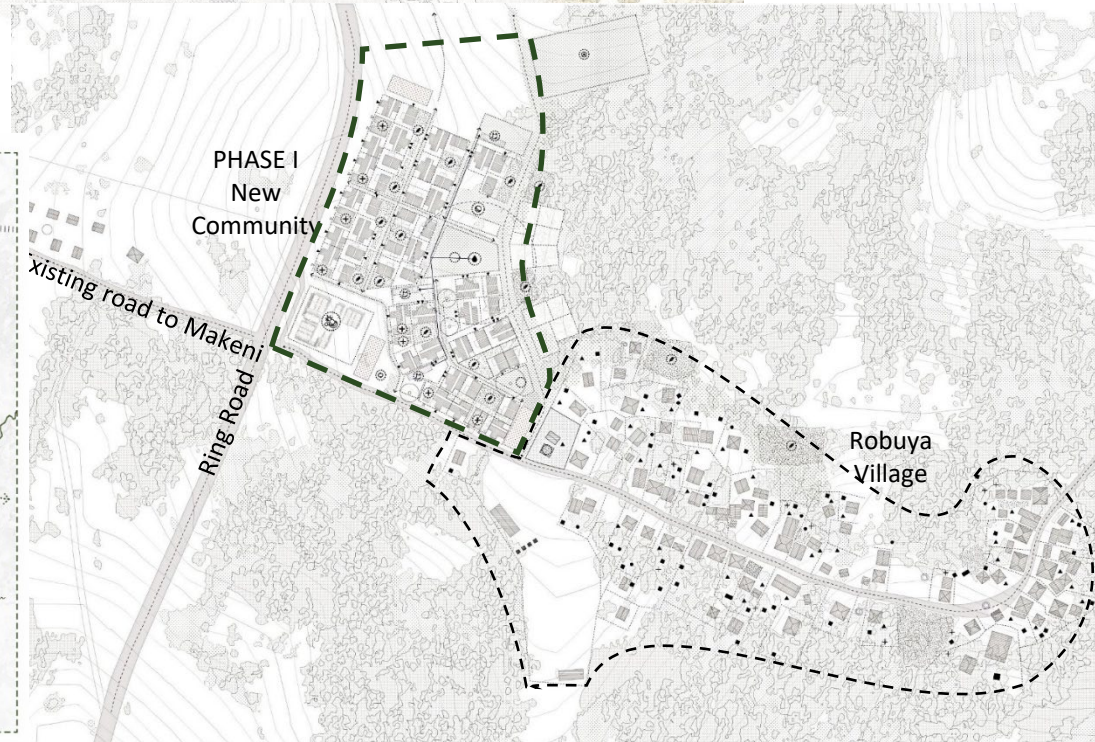
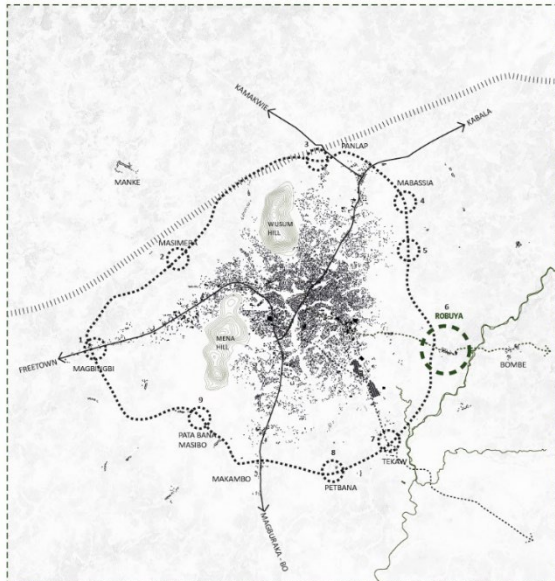


# NEW WORKSHOP. EVALUATING PRIORITIES. JANUARY 2019



New communities around the city of  
**Makeni, Sierra Leone**

**Final Project of the student:**  
**Alicia Cueva Herrero**  
May 2017



## 2. UPGRADING NEIGHBORHOODS - VILLAGES: Working with local communities



Ropolon 2013



Robuya 2017



Masuba 2018



Makenkita 2019



Yoni 2020

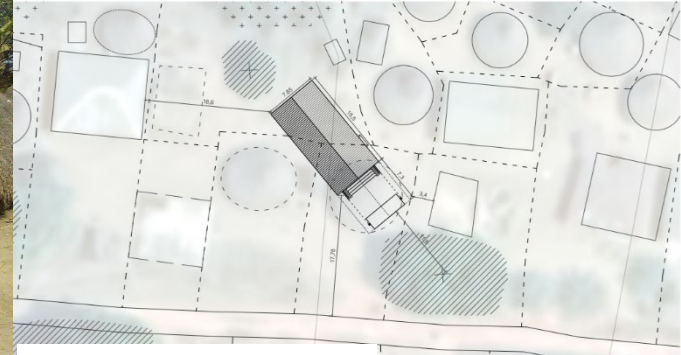


## JOINT FIELDWORK AND SUPPORTING AN ACTION:

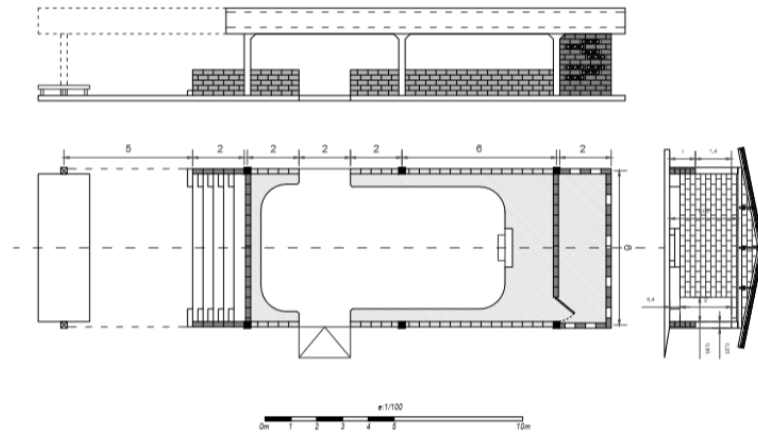
### A NEW COMMUNITY CENTER IN MAKENKITA VILLAGE (2019). 1.000 EUROS



Delimitación de zona para Centro Comunitario



Propuesta de localización



Sugerencia de centro comunitario. Diseño grupo Arquitectura, siguiendo la tipología de centro habitual en Makeni y alrededores. Se añade la idea de un banco corrido, de unas escaleras en grada hacia estrado exterior y la posible extensión a futuro de la cubierta.



Zona de relación social, bajo mango tree



### 3. UNIVERSITY OF MAKENI

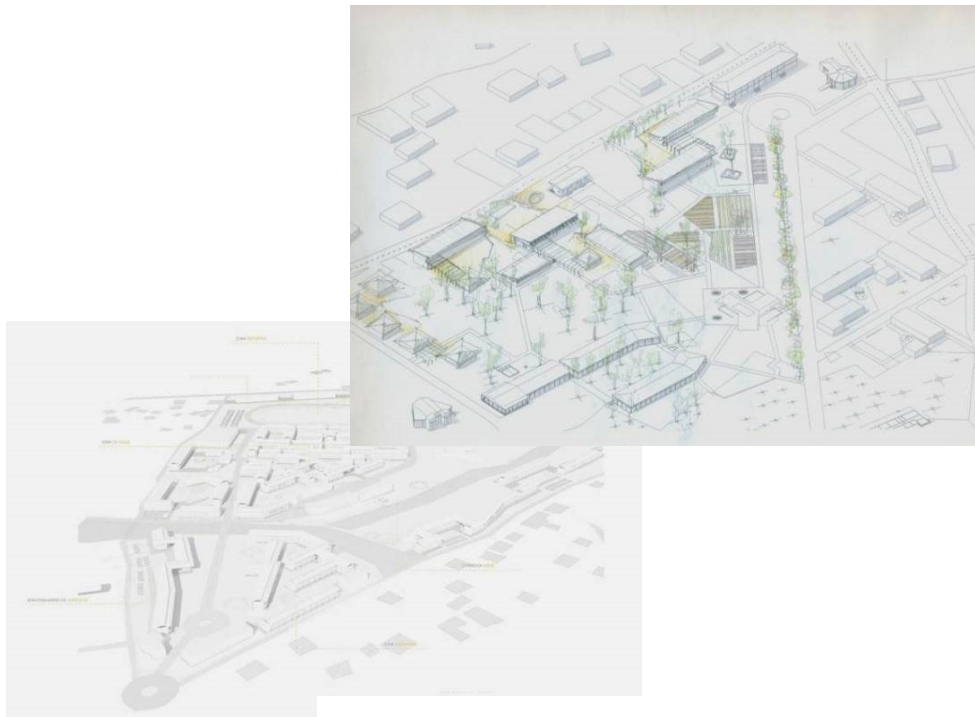
-FUNDING INFRASTRUCTURES (AUDITORIUM, GUEST HOUSE, SCHOOL OF HEALTH, COMPUTERS,...)

-GUEST HOUSE IN FATIMAFÁTIMA CAMPUS (UNIMAK). DESIGNED BY A TEAM OF LECTURERS, STUDENTS AND COLLABORATORS.. FUNDED BY AYUNTAMIENTO DE LAS ROZAS. FINISHED JANUARY 2014

- PROPOSALS FOR THE CAMPUS DEVELOPMENT

- URBAN PLANNING TRAINING COURSE

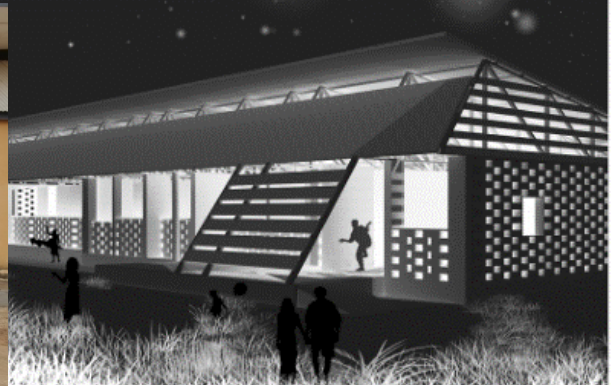
- SCHOOL OF HEALTH IN YONI CAMPUS (UNIMAK). ). DESIGNED BY A TEAM OF LECTURERS, STUDENTS AND COLLABORATORS. FUNDED BY MANOS UNIDAS. FINISHED OCTOBER 2016



Urban proposals for Fatima Campus. Guest House in the circle

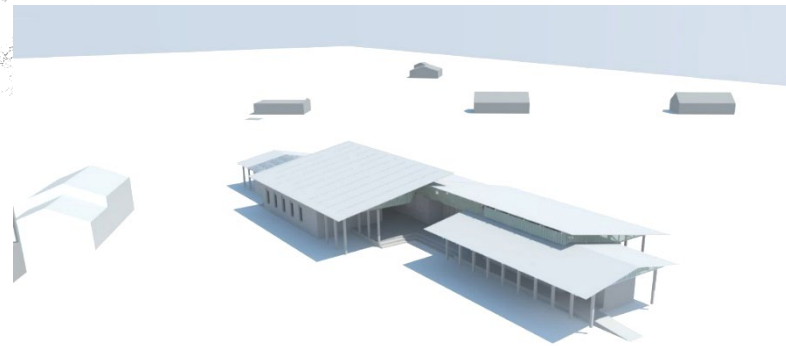


**GUEST HOUSE  
FATIMA CAMPUS  
(UNIMAK). 2014**



# SCHOOL OF HEALTH YONI CAMPUS, UNIMAK. MAKENI, SIERRA LEONE

INITIAL IDEAS FOR THE DISCUSSION, 14th APRIL 2015



TECHNICAL PROPOSAL:  
FACULTY OF ARCHITECTURE (CEU SAN PABLO UNIVERSITY, MADRID, SPAIN)



Unimak







**School of Health.** First classes in October 2016



## 4. SOCIAL ACTIONS

- IMPROVING WASH IN SCHOOLS

- WORKSHOPS IN SCHOOLS

- DESIGNING FURNITURE

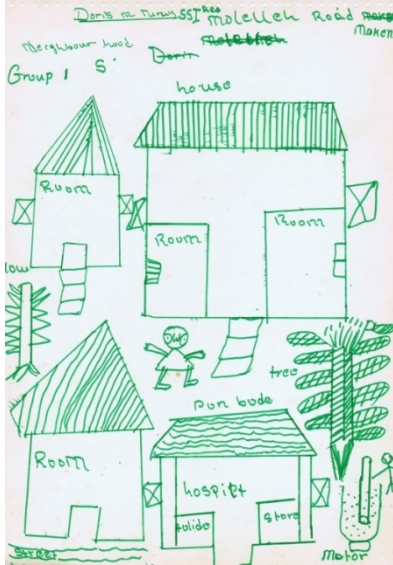


JANUARY 2018



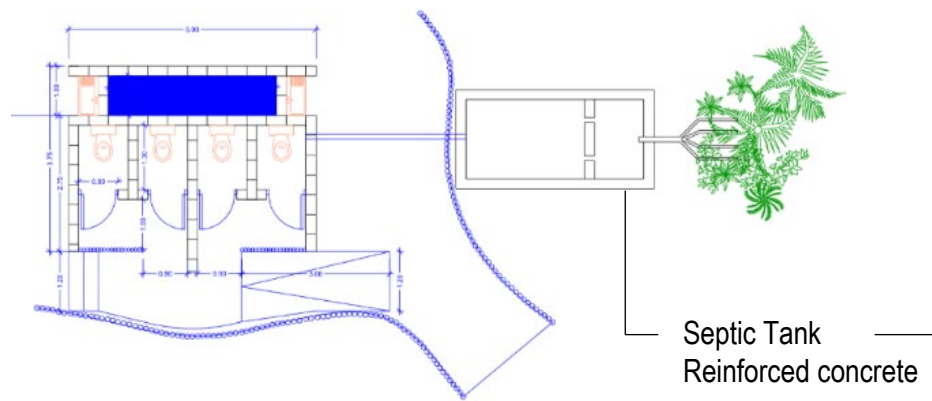
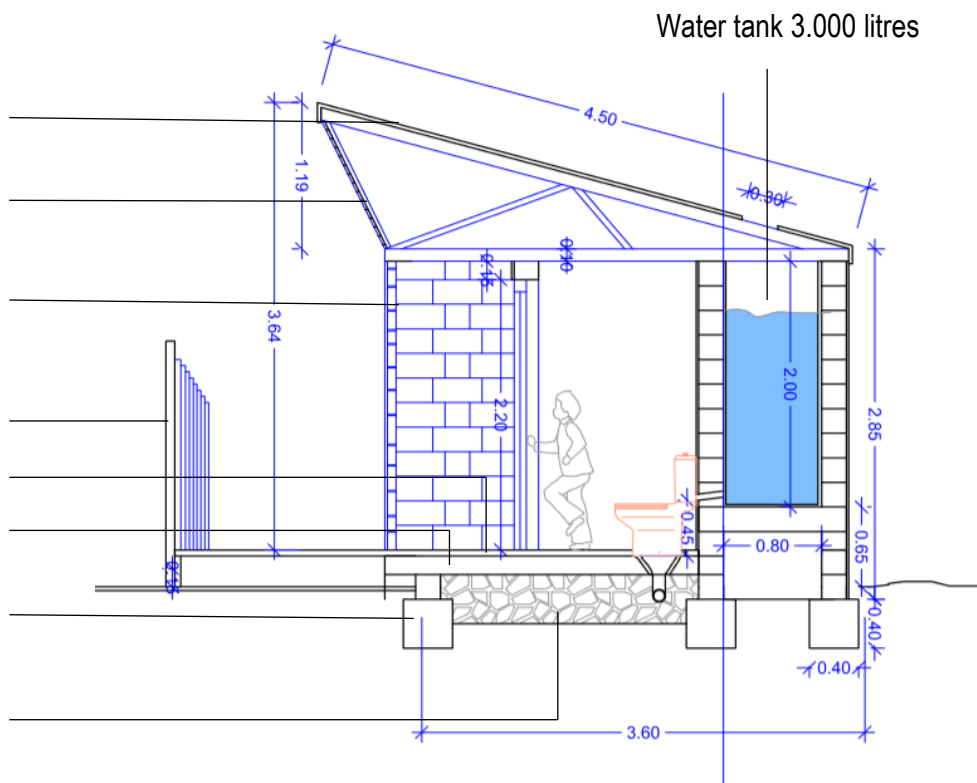


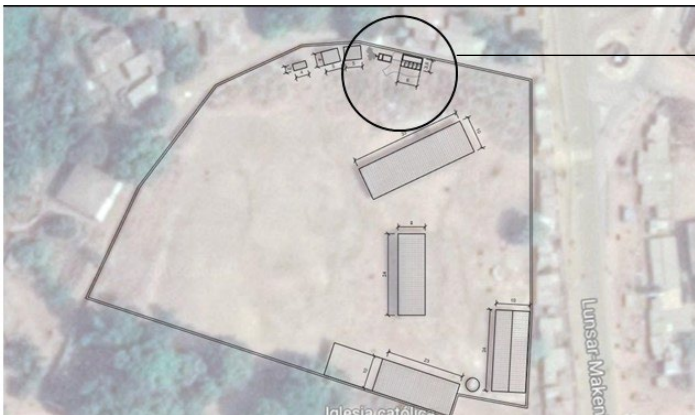
"Draw your neighbourhood". St. Francis School



**WET LATRINE PILOT PROJECT.  
ST. FRANCIS PRIMARY SCHOOL  
(2019)**

- Zinc
- Wood structure
- Cement blocks
- Bambú wall
- Tiles
- Concrete
- Reinforced Concrete
- Concrete and stones





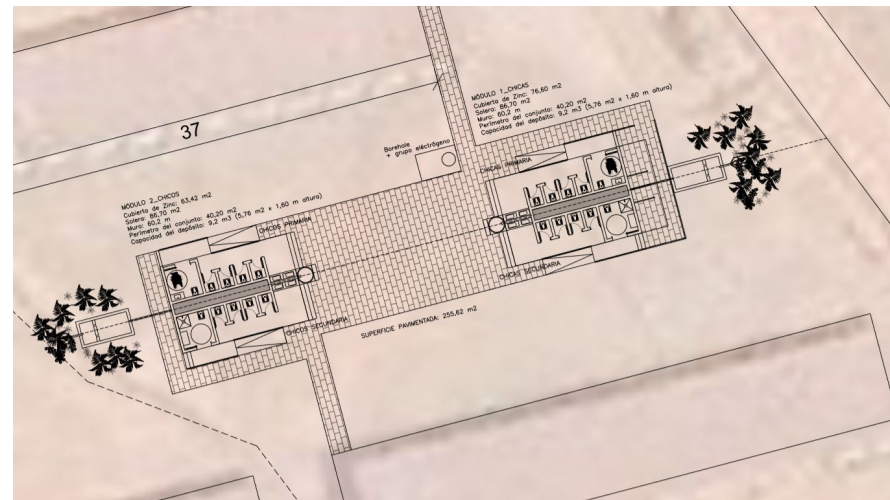
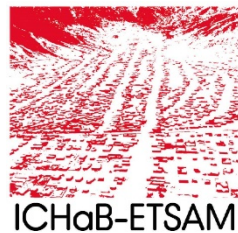
Localización



Sección prototipo con tanque de agua



## DESIGNING NEW WASH FACILITIES IN SCHOOLS WITH CÁRITAS MAKENI. PROJECT TO BE FUNDED BY MANOS UNIDAS (2021)



### Improvement of Water, Sanitation and Hygiene in schools of Makeni, Sierra Leone

Interesados contactar con: [lperea.eps@ceu.es](mailto:lperea.eps@ceu.es)

Más info del proyecto en la web: <https://hdlabceu.wixsite.com/hdlabceu>



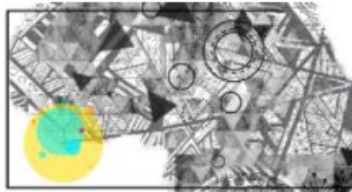


3. Try to recap five positive views/arguments for the experience in order to replicate it/or not around the world.

- 1\_ Universities as promoters of actions ensuring continuity
- 2\_ Long-term approach and mutual trust
- 3\_ Connection between theory-research and action
- 4\_ Involvement of different stakeholders
- 5\_ Multidisciplinary approach

4. Give us just a word that defines the experience/practice you have talked about.

Cooperation



[HOME](#)

[ABOUT](#)

[SEEDINGS](#)

[GALLERY](#)

# HD Lab

Habitability and Development Lab

[ABOUT...](#)

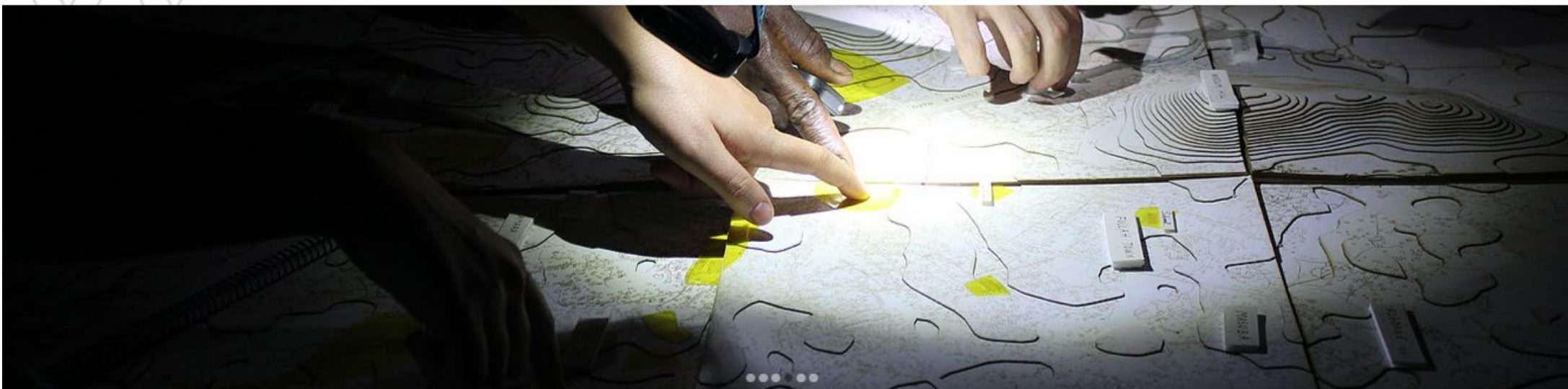
[SEEDINGS - WORKING GROUPS](#)

[SIERRA LEONE](#)

[OUTREACH](#)

[WORKING TRIPS](#)

[USEFUL LINKS](#)



**THANK YOU SO MUCH**