

Projectes CCD - 2011

“Energy For All 2030”

27 març 2012



European Comission
External Cooperation
Programmes



Centre de Cooperació per
al Desenvolupament. CCD



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Institut Universitari de Recerca en Ciència
i Tecnologies de la Sostenibilitat



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Grup de Recerca en Cooperació i
Desenvolupament Humà - GRECDH

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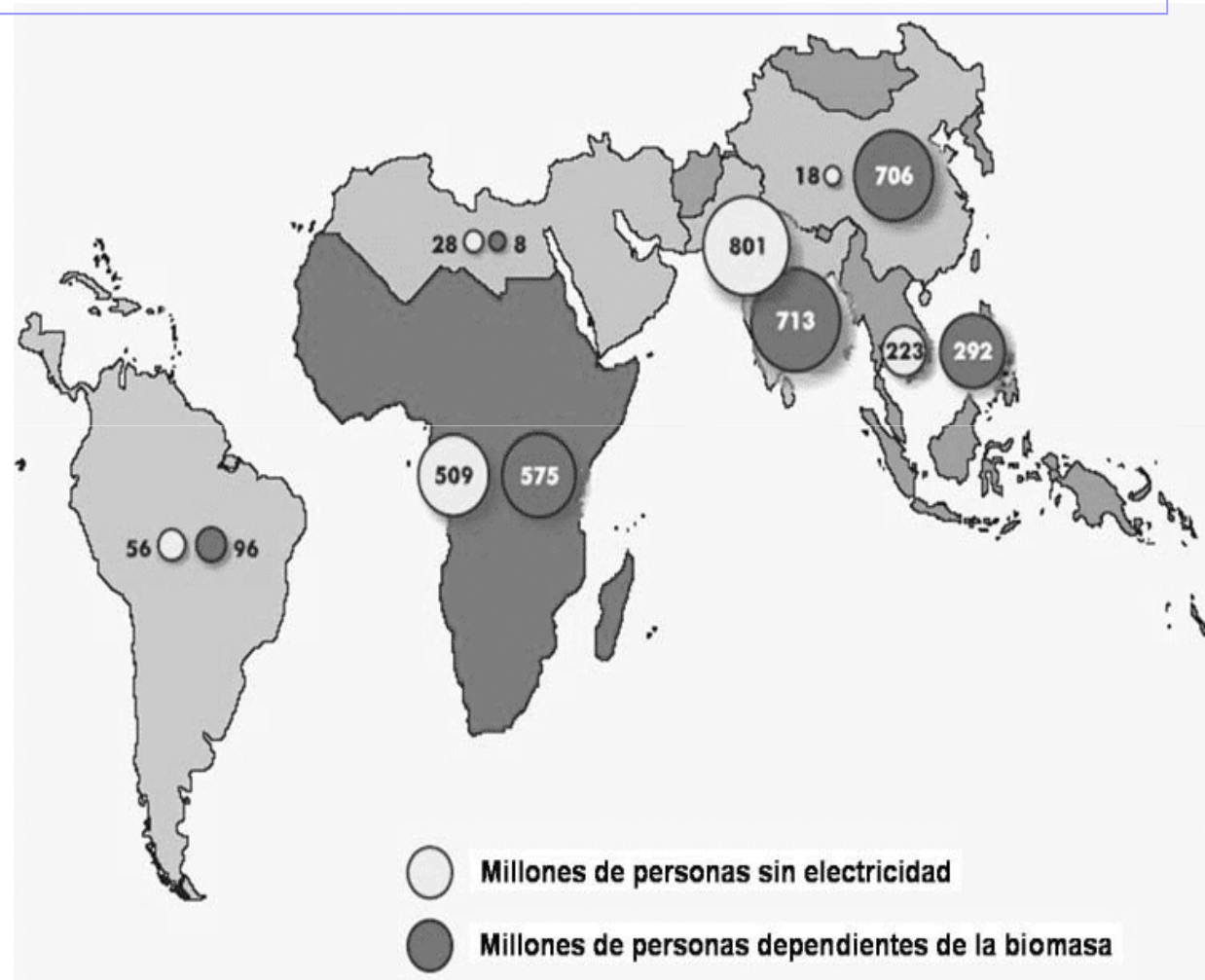
Contexto energético: ¿de dónde partimos?

Ausencia de luz: metáfora y realidad de la pobreza

En África Subsahariana hay **585 millones de personas sin electricidad**; en zonas rurales, sólo el 14,3% de la población tiene acceso a servicio eléctrico

“Pobreza energética”

La biomasa es la principal fuente energética para 2.500 millones de personas, supliendo cerca del 52% de la demanda energética de los países en desarrollo.



Source: IEA (2002, 2004, 2006), quoted in E Velo, 2009 “Biomasa como fuente energética en países en desarrollo”

Contexto energético: niveles de acceso

	Population without electricity millions	Electrification rate %	Urban electrification rate %	Rural electrification rate %
Africa	587	41.9	68.9	25.0
<i>North Africa</i>	2	99.0	99.6	98.4
<i>Sub-Saharan Africa</i>	585	30.5	59.9	14.3
Developing Asia	799	78.1	93.9	68.8
<i>China & East Asia</i>	186	90.8	96.4	86.5
<i>South Asia</i>	612	62.2	89.1	51.2
Latin America	31	93.4	98.8	74.0
Middle East	22	89.5	98.6	72.2
Developing countries	1,438	73.0	90.7	60.2
Transition economies & OECD	3	99.8	100.0	99.5
World	1,441	78.9	93.6	65.1

Electricity access in the world – Regional aggregates (source: IEA 2009)

Energy Access for the Poor in sub-Saharan Africa to meet the Millennium Development Goals “ENERGY FOR ALL 2030”

Partners: Practical Action (UK)
EDUCON (Czech Republic)
Stockholm Environment Institute (SWE)
UPC (ESP)

Duration: 3 years from April 1, 2010 (mar-2012: 66%)

EC contribution: € 714,937 (Public Awareness line)

CCD/UPC contribution: (2010): €12,100

“ENERGY FOR ALL 2030” - Objectives

Overall Objective

- Contribute to the achievement of the MDGs in marginalised rural and urban areas in the poorest SSA countries, through improved energy access at local level.

Specific Objective

- To raise public and political support across the EU for a European Union resolution on energy access for the poor and to ensure that support of energy access is turned into action.

Target Audiences

- EU citizens
- Members of EU Parliament (MEPs)
- EU Ministers, CE officers
- Members of National Parliaments (MPs)
- African and European Civil Society organisations

Main Activities carried out – Year 1

- Preparation of an Influence Map of Actors in Spain
- Conduction of 3 thematic focus groups sessions (Civil society, UPC students, African energy experts)
- Contacts and Interviews with MEPs
- Preparation of a technical brief (“Key elements for the analysis of electricity access in SSA, review of rate of adoption at planning stages and relation to MDG fulfillment in two reference countries: Ghana and Mozambique”)
- Organisation of an International Workshop on small scale biomass systems for electricity generation and decentralized services
- Setting up of communication channels for UPC community
<http://grecdh.upc.edu/projectes/altres/e4a-2030>
- Video contest
- Link and setting up of working relationships with major NGOs in SSA on energy poverty, MDGs (West Africa)

Main Activities carried out – Year 2

- Participation in European Biomass conference 2011
- Participation in a dialogue platform with European & SSA entities (*e.g. Civil Society Call, AEEP consultation*)
- Preparation of questions to E Commission and E Council on energy access within Agenda for Change
- Promotion of INI MEP Norbert Neuser on energy access among MEPs (approved on plenary session 2nd February 2012)
<http://www.europarl.europa.eu/sides/getDoc.do?pubRef=-//EP//TEXT+TA+P7-TA-2012-0029+0+DOC+XML+V0//ES&language=ES>
- Preparation of a 2nd technical brief, analysing the relation of access to energy and the provision of health infrastructure and services
- Organisation of a Dissemination event (health) on 13th February, with institutional round table (Spanish MPs)
- Targeted dissemination (general public media, UPC community, chartered industrial engineers society)

Main Activities planned – Years 2-3

- Continue with working relationships with MEPs
- Preparation of a 3rd technical brief
 - Energy access for gender equality and women empowerment
 - Energy role in post 2015 (MDG) scenarios
- Organisation of a Dissemination event
- Disseminate information and materials developed within the project, according to the defined Communications Plan:
 - External: key actors identified in the Influence Map, general public
 - Internal: UPC community
 - Dissemination of “2012 Sustainable Energy for All” campaign by UN
- Set-up a dialogue platform with European & SSA entities
(*e.g. Civil Society Call*)
- Prepare a related policy brief to distribute among key decision-makers at EU level



JORNADA INTERNACIONAL de COOPERACIÓ ÀFRICA-EUROPA | Barcelona 13 de febrer 2012

Salut amb energia a l'Àfrica



Reflexions sobre l'accés a l'energia en la salut i els serveis sanitaris



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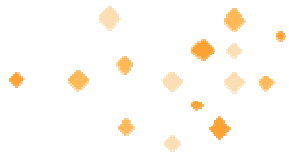
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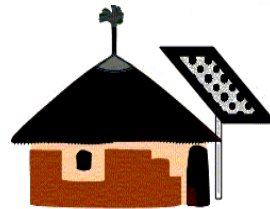


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Instituto de Energía Solar



Mans Unides



The Energy Center, KNUST



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**SOSTRE
CIVIC**



AKWABA

¡No estamos solos!

Moltes gràcies!

Pol Arranz Piera

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<http://grecdh.upc.edu/projects/other/e4a-2030>

<http://is.upc.edu/>