

IMPORTANCE OF SOCIAL INFORMED COMMUNICATION TO THE ACCEPTANCE OF GEOTHERMAL PROJECTS



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and Sánchez-Vázquez M. Alejandra.**



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www.gemex-h2020.eu



Problematic



ITALY DISPATCH - *A Knight in Gucci Armor Helps Charge a Geothermal Dragon*

A company wants to build a geothermal plant in Umbria. Locals — and celebrities who live there — don't want it.

Jan. 27, 2020



CASTEL GIORGIO, ITALY — Fausto Carotenuto, the owner of a spiritual wellness and yoga center in Umbria, the ancient Etruscan heartland of Italy, senses bad energy underfoot. A geothermal company wants to build a plant on a fallow field near his land. He envisions apocalyptic consequences if he and his allies fail to stop it.

Izmir district in Turkey comes out in opposition of geothermal field tenders

The city council of the Karabun district has voiced its opposition a plan devised by the Izmir governorate to launch a tender for the rental of a geothermal field in the area. Reminding that Karaburun is home to around 120,00 olive trees, the council said geothermal energy plants in the nearby provinces of Aydın and Denizli have led to environmental destruction.

November 13 2019



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07/03/2017 | 17:09 | Oscar Gutiérrez / Corresponsal [Tuxtla Gutiérrez, Chis.]

Rechazan indígenas pozos petroleros y planta geotérmica en Chiapas

● La comunidad zoque se pronunció en contra de la explotación de hidrocarburos y de la construcción de una planta geotérmica, ya que deteriorarían el medio ambiente, invadirían tierras ancestrales y destruirían el patrimonio cultural de los pueblos



Explotación geotérmica de La Primavera: un peligro inminente

La Comisión Federal de Electricidad tiene ya permisos para intervenir en dos áreas del Bosque La Primavera por los próximos 30 años. La energía que se obtenga durante ese tiempo parece un precio demasiado alto, si se piensa en los miles de años que el bosque ha vivido y en los miles que todavía podría vivir si se lo mantiene a salvo de amenazas como la que enfrenta.

JUL 25, 2016



Research questions



INFORMED COMMUNICATION

All Levels (government,
stakeholders and communities)

All Stages

Socially responsible industries

=

Harmonious relationships between
local communities/industry

**ACCEPTANCE OF A
GEOTHERMAL
PROYECT?**

Minimizing environmental impacts

+

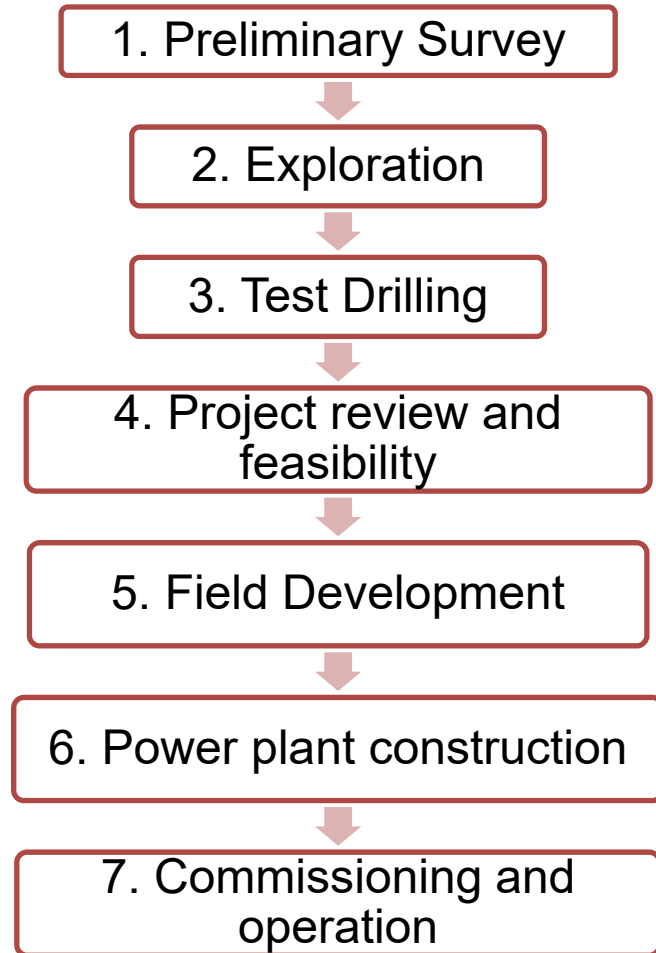
Informed communication



Stages of a Geothermal project



Geothermal Exploration Best Practices: a guide to resource data collection, analysis and presentation for geothermal projects (IGA, 2013).



References revision, geology, hydrology, hydrothermalism, etc.

Identify social and environmental barriers



First approach



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Main Concerns



Direct uses - Communication



Silfurstjarnan fish farm,
Öxarfjörður, North
Iceland



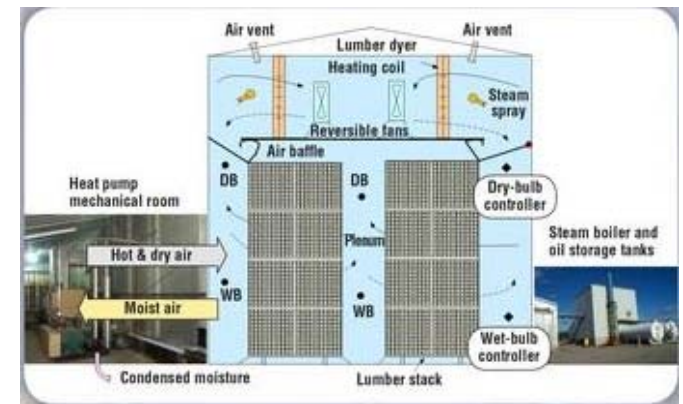
Balneology,
Chignahuapan, Mexico



Mokai glasshouse in
New Zealand



Geothermal heating system,
Los Humeros, Mexico



Geothermal wood drier prototype



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Geothermal Park



Methanol Processing Plant

30 E



Greenhouses

30 E



Health Clinic



Fish dryer industry

70 E



Aquaculture

20 E



Geothermal power plant

60 E



SPA

300 E



Hotel

30 E



Iceland

<http://www.resourcepark.is/companies/>



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Socially Responsible Industries



Explanations



Events



Donations



Activities



Cheaper Equipment



Alternative materials



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Socially Responsible Industries



Philippines

Health Health Center Repair/Upgrade Medicine Distribution Focused Medical Mission BHW Incentives Bloodletting Activity BHW training/Responsible Parenthood Seminar	Education KEITECH Schools for Excellence Brigada Eskwela Miscellaneous Fees Assistance Educational Supplies Intensified Feeding Program School Repair/ upgrade High School /College Scholarship High School Career Guidance Seminar Counselling/College Admission Review and Readiness Project OJT/SPES	Livelihood Community Development Skills Enhancement Training Livelihood Initiatives through the Cooperative - Palay/Rice Trading - Job Contracting - Poultry Contract	Environment Clean-up drives/Tree planting activities Participation to Earth Hour Event OTHERS: Socio-Cultural and External Relations Barangay Emergency Response Team IEC on Disaster
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Minimizing Environmental Impact



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Socially Responsible Industry



Philippines



Tree for the Future



Tree for Life



Tree for Food



Tree for Leisure



BINHI

Planted and maintained
1,149 hectares of forest
land as of end 2015

200 hectares annually
up to 2018



BIODIVERSITY CONSERVATION AND MONITORING PROGRAM

Flora Monitoring



FOREST PROTECTION

Management of Illegal
Forest Occupants near
EDC facilities

Control of Illegal Forest



UPLAND COMMUNITY MANAGEMENT

25 Upland Farmers
Association

INVOLVEMENT OF THE COMMUNITIES



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Summary



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ACCEPTANCE OF A GEOTHERMAL PROYECT?

Socially responsible industries

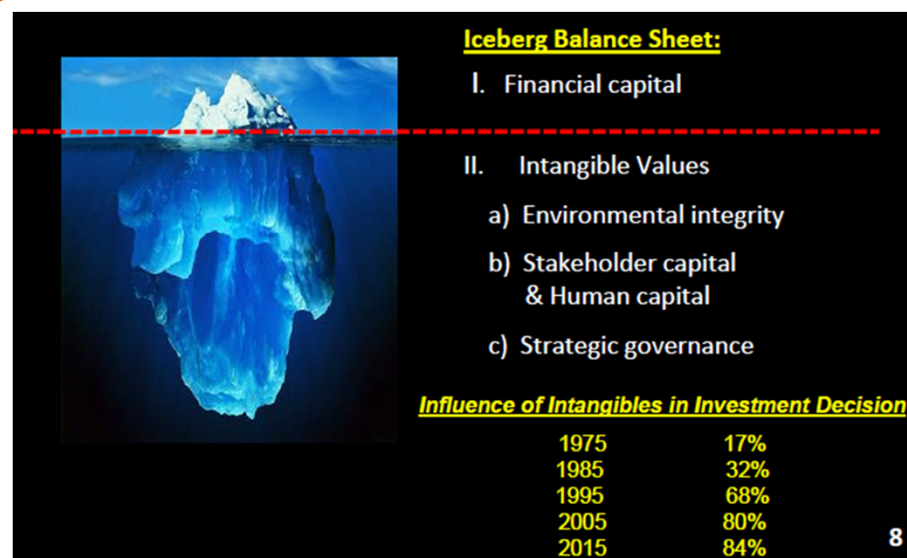
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Harmonious relationships between
local communities/industry

Minimizing environmental impacts

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Informed communication



Thanks for your attention!



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We also acknowledge our **European colleagues** for their collaboration.



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