

Socio-Indigenous Aspects in Geothermal Energy Projects Development



Ministerio de
Energía

Gobierno de Chile

Ministry of Energy
Sustainable Development Division
Geothermal and District Energy Unit



GEOLAC 2019 – July, 18th



Outline



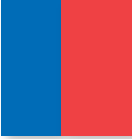
I. Context.



II. Indigenous Consultation Process.



III. World Bank Technical Assistance.



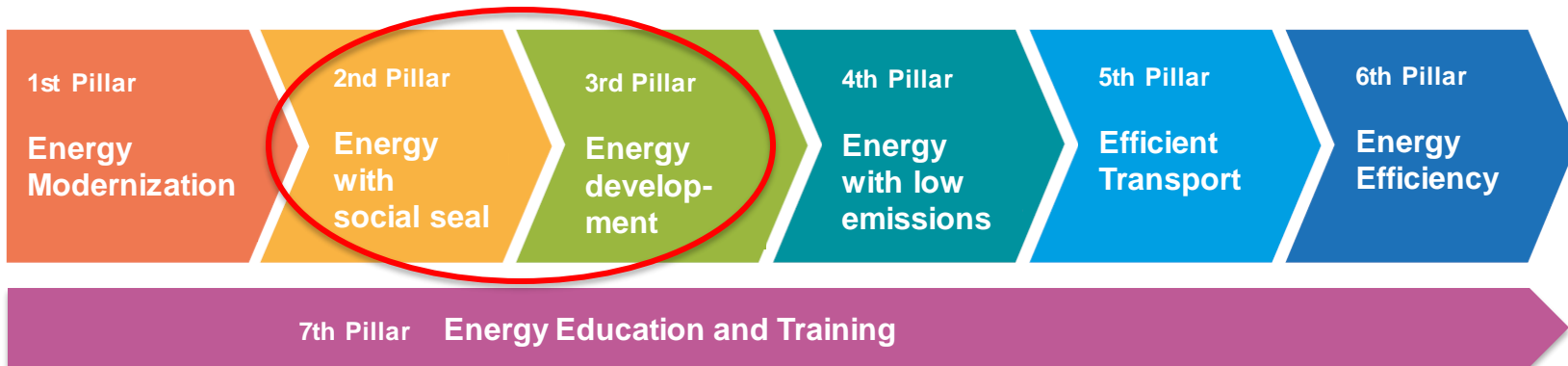


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Context: Energy Roadmap 2018-2022





Context: + Energía Plan



- **Accompaniment and orientation model** – of the Ministry of Energy - **for stakeholders involved in the energy development process, to achieve greater sustainability of the projects and harmonious coexistence with the communities.**
- Basado on international standards of participation and environmental management.
- Promotes the creation of shared spaces for dialogue.



Context: Regulatory Framework - Law 19.657

**Law 19.657 on Geothermal Energy Concessions.
Enacted in 2000.**



**Geothermal Energy Regulation.
Enacted in 2004, and amended in 2015.**



**The law establishes that the geothermal energy is a
State owned asset.**

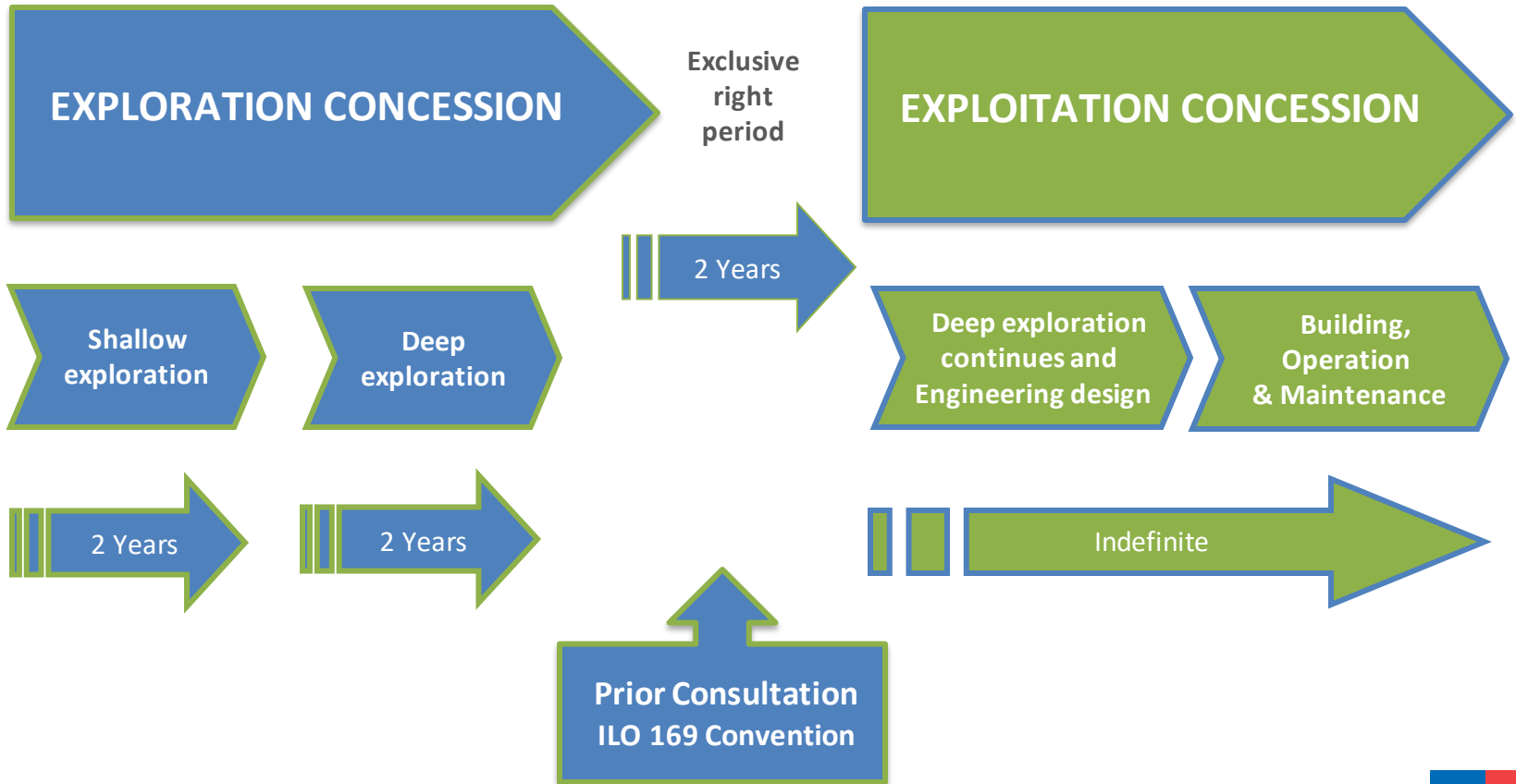


**The law empowers private entities to explore and exploit this
resource through a concession system.**





Context: Regulatory Framework - Law 19.657





Context: Regulatory Framework – ILO 169 Convention

In 2009 goes into effect in Chile the International Labour Organization - ILO 169 Convention on Indigenous and Tribal People



Supreme Court 2012: The decrees on geothermal energy exploitation (administrative actions), in principle, are susceptible to cause direct affectation to indigenous peoples.



In 2014 goes into effect the General Regulation on Indigenous Consultation Process D.S. 66/2013





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Indigenous Consultation Process: Stages



Call



First information meeting and planning commencement



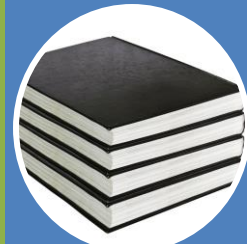
Information meetings



Internal debate within the organizations



Dialogue between the organization representatives and the Ministry of Energy



Systematization and outcome



Indigenous Consultation Processes: Current status

- Indigenous Consultation Process completed for the applications Pampa Lirima 1-2-3 (Energía Andina).
- Indigenous Consultation Process ongoing for the application Licancura 3 (Transmark).
- Indigenous Consultation Process not completed for the applications Piuquenes 1-2 (Energía Andina), Puchuldiza Sur 2 (MRP), Licancura 1 y Polloquere 2 (Enel), due to the withdrawal of the requests.





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COMPONENT 1

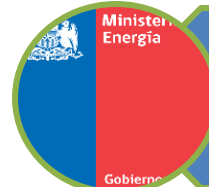
Improvement of the regulatory framework and strengthening of management capacity for geothermal energy development



Improvement of legal framework and regulation



Review of concession's administrative framework



Development of institutional capacity and consolidation



Interested actors engagement to address social and environmental issues



World Bank Technical Assistance: Socio-Indigenous working line

Training Workshops on Geothermal Energy



- Workshops directed to leaders and representatives of indigenous communities



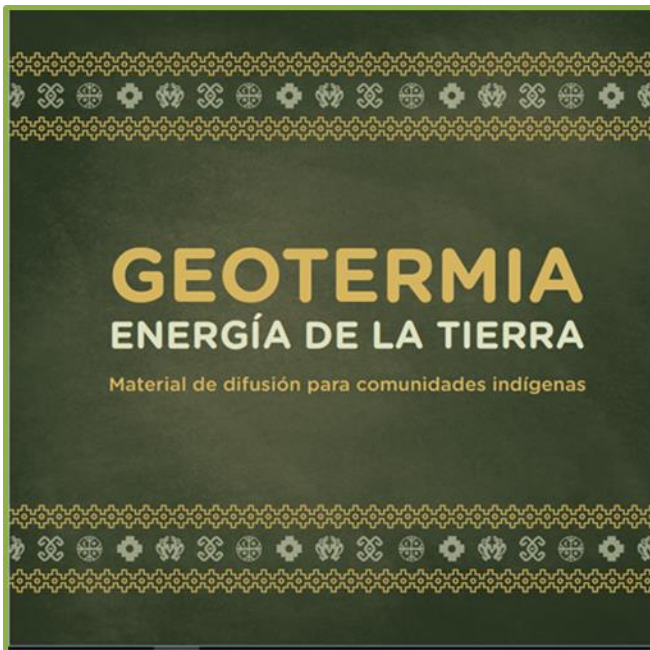
- 8 workshops were undertaken in 2018 all along the Country



- In 2019: 2 workshops were implemented, 8 more are scheduled



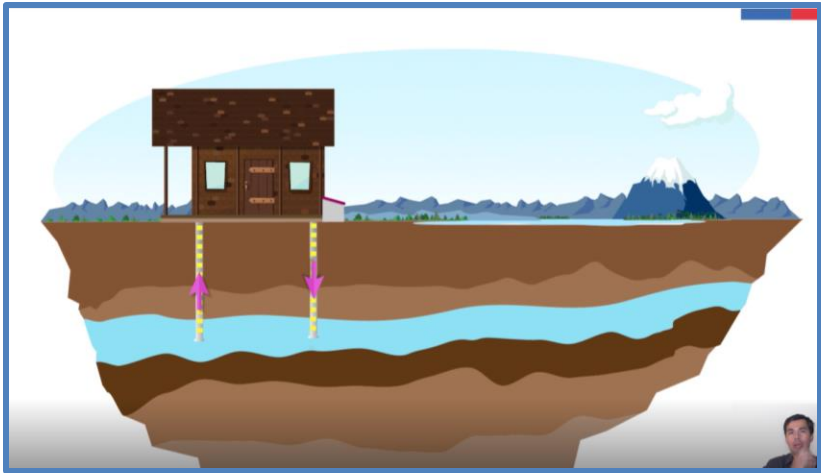
Dissemination Material



- Brochure on geothermal energy as dissemination material for the indigenous communities

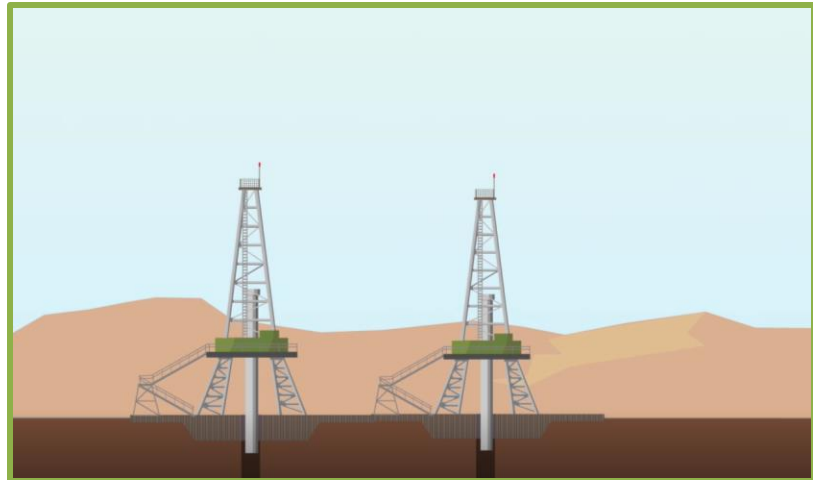


Dissemination Material



- Dissemination video on heat pumps for general public and indigenous communities

<https://www.youtube.com/watch?v=XvaXQYwARCA>



- Dissemination video on geothermal power plant projects for general public and indigenous communities

<https://www.youtube.com/watch?v=RUhO7TBQ8MU>



World Bank Technical Assistance: Socio-Indigenous working line

Technological Tours

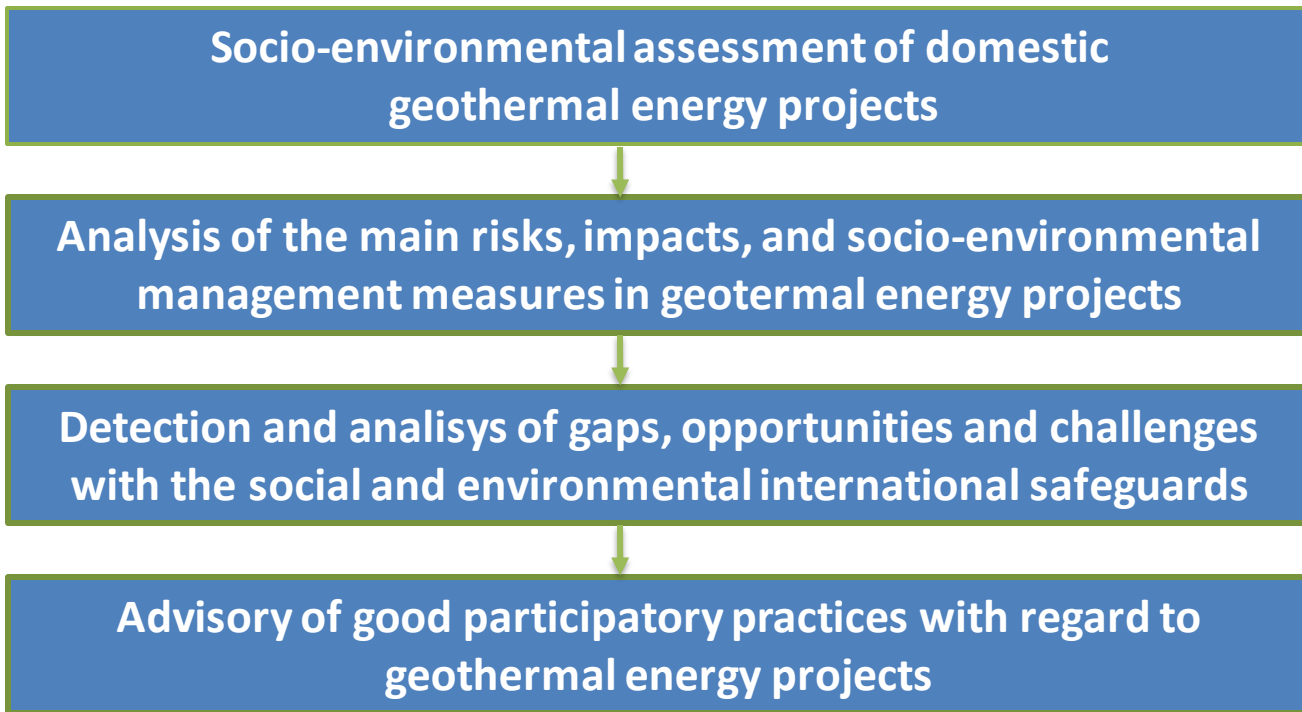


- Tours undertaken to the Geothermal Power Plant Cerro Pabellón



- 2 tours with representatives of indigenous communities: December 2017 and July 2019

Socio-Environmental Study



Thank you!

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