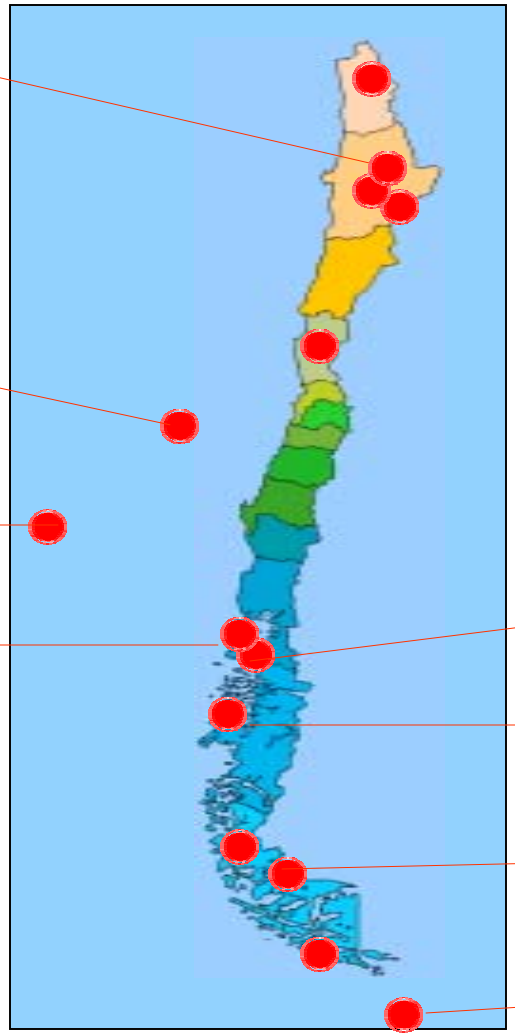
WIRELESS ENERGY

Chilean Wind Power Opportunities

Nelson (Woody) Stevens

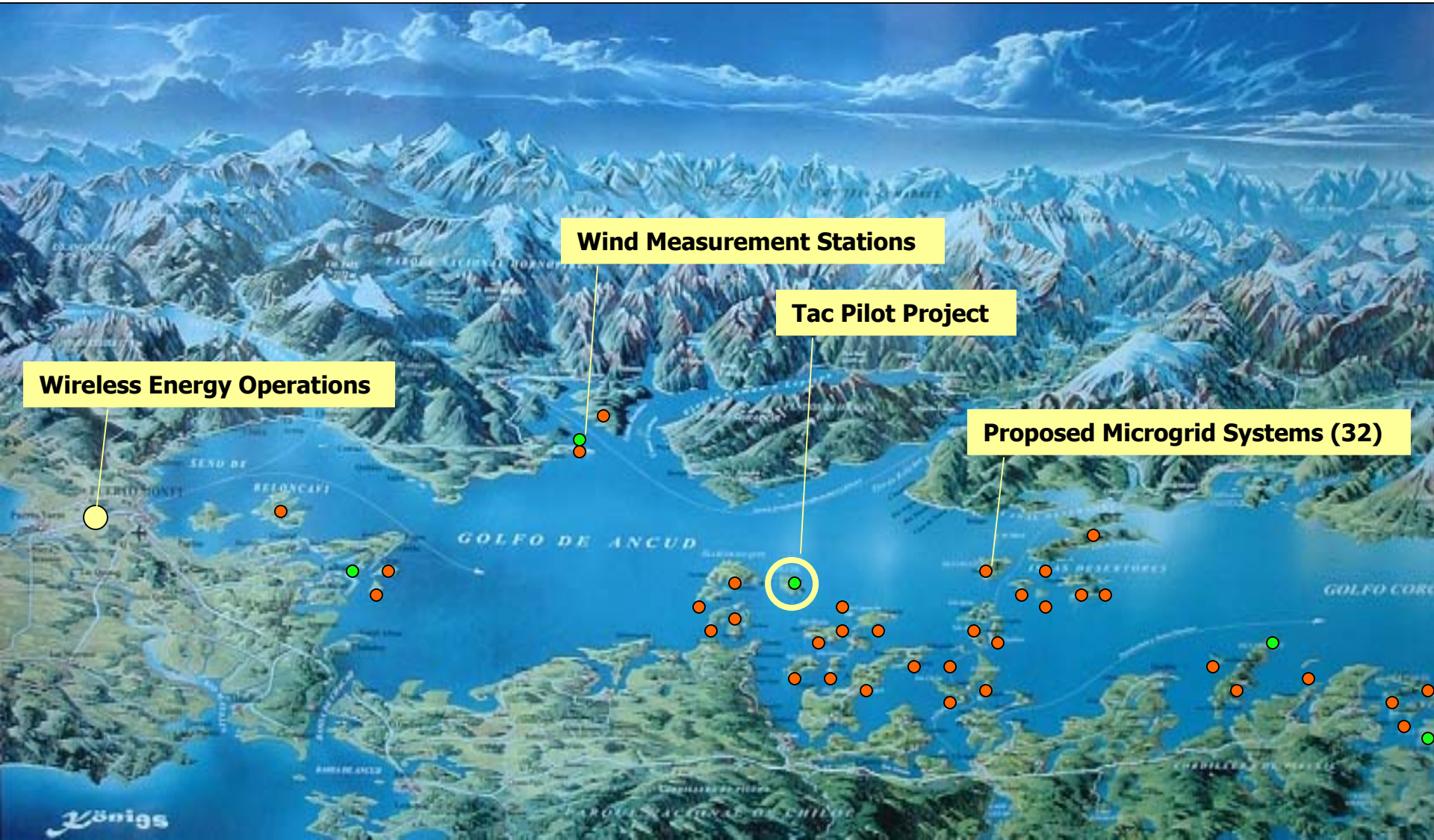
Project Portfolio – Wireless Solar, Wind, Midro Hydro



Chiloe Wind Diesel Project

- 3500 families
- 38 islands
- Good Winds 5.5-7 m/s
- Disperse Loads
- Planned MicroGrid with Centralized Plant

Chiloé MicroGrid Islands Project

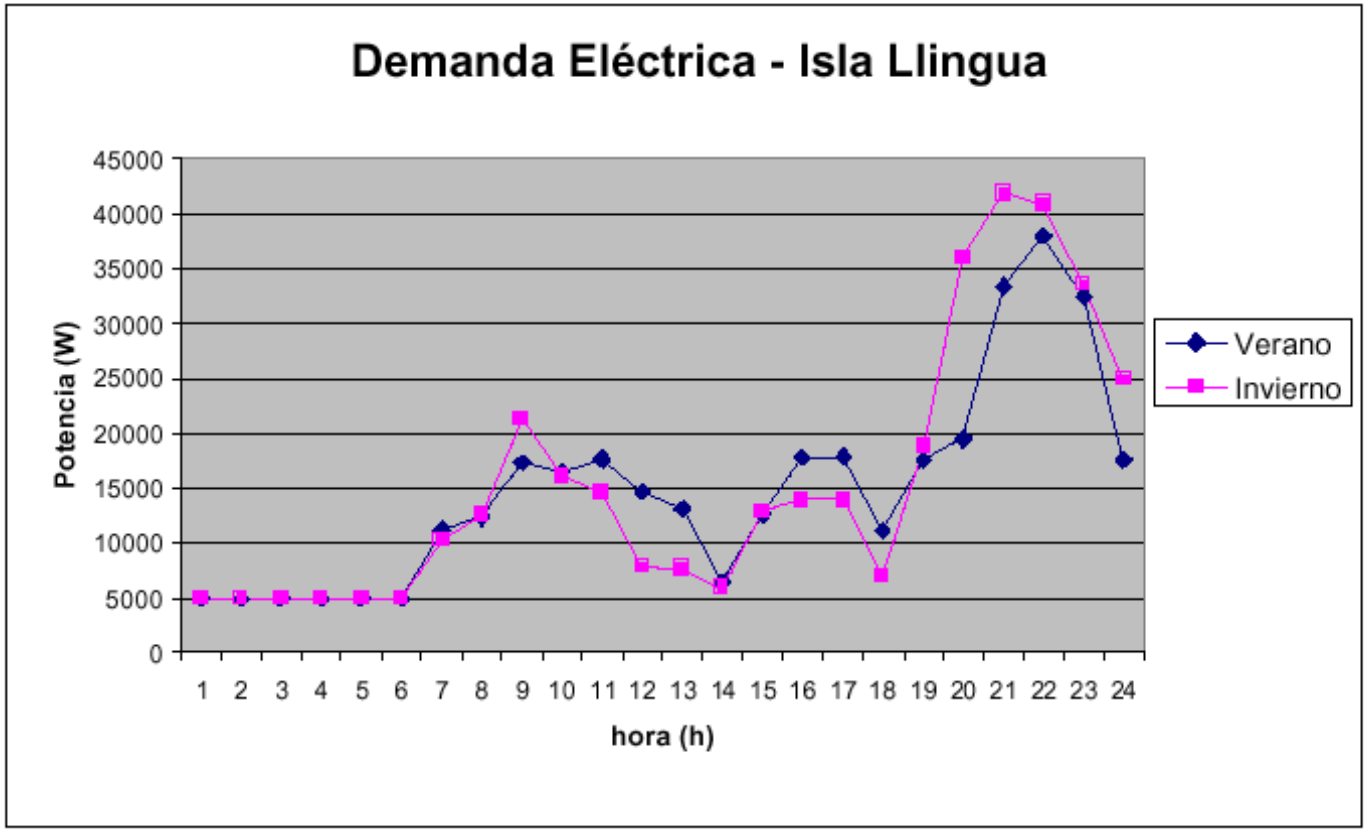


ISLA TAC
WIND-DIESEL POWER SYSTEM

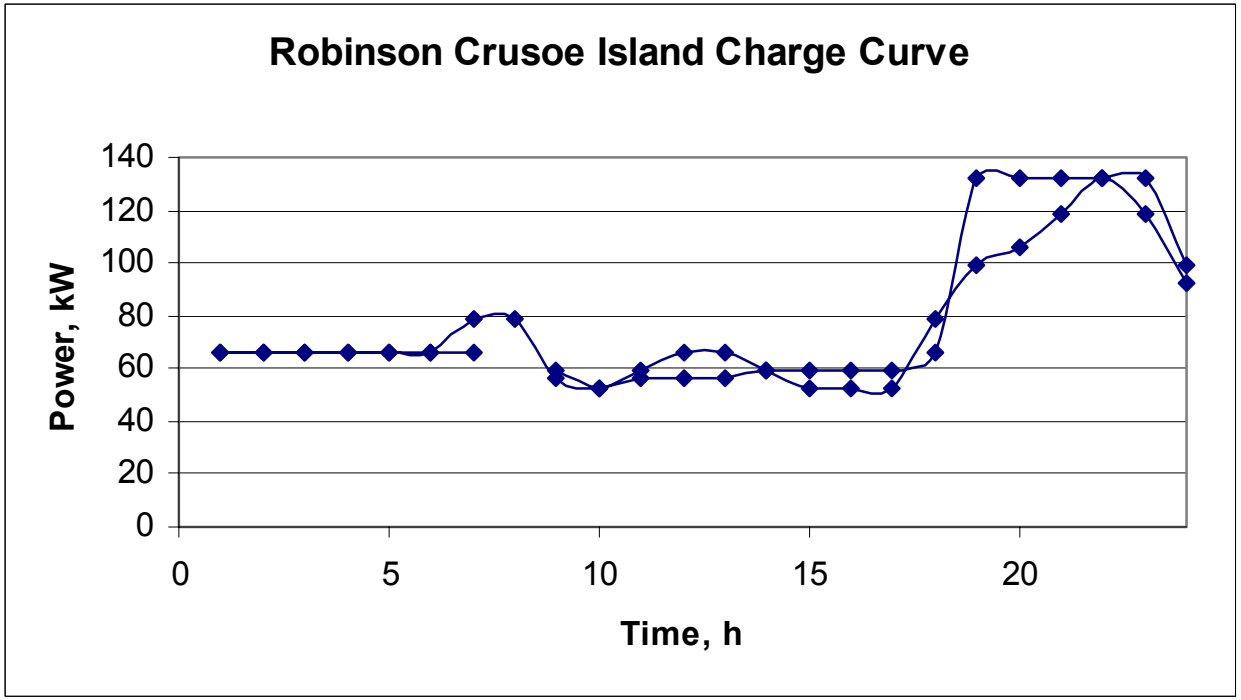
1st Island Feasibility Study
Llingua Island

Yr 5 Load

Figura 1 : Demanda Eléctrica Isla Llingua a los cinco años de operación



Robinson Cruisoe

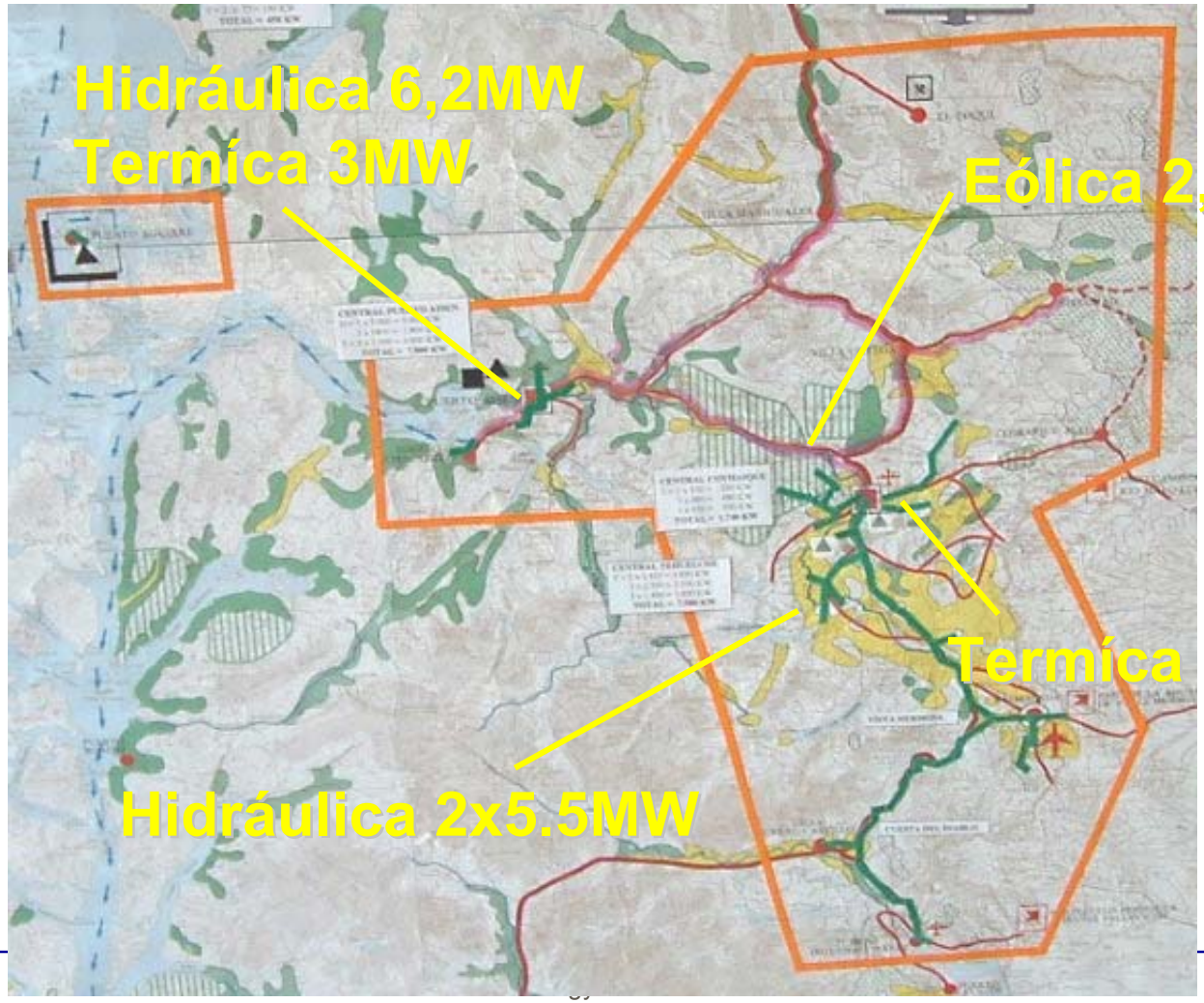


Fuel	U$ 105.062 (64%)
Lubricants	U$ 7.929 (5%)
Periodic maintenance	U$ 9.912 (6%)
Personnel	U$ 41.628 (25%)

Total	U$ 164.531

Aysen 14MW Hydro Wind Diesel

Sistema Aysen



Looking For:

-Technology:

-Turbines 10-100kw,

-Advanced Battery Storage,

-Advanced Control, Small Cogeneration

- Share Experiences

- Create Alliances

- Knowledge base on sustainable busines models

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