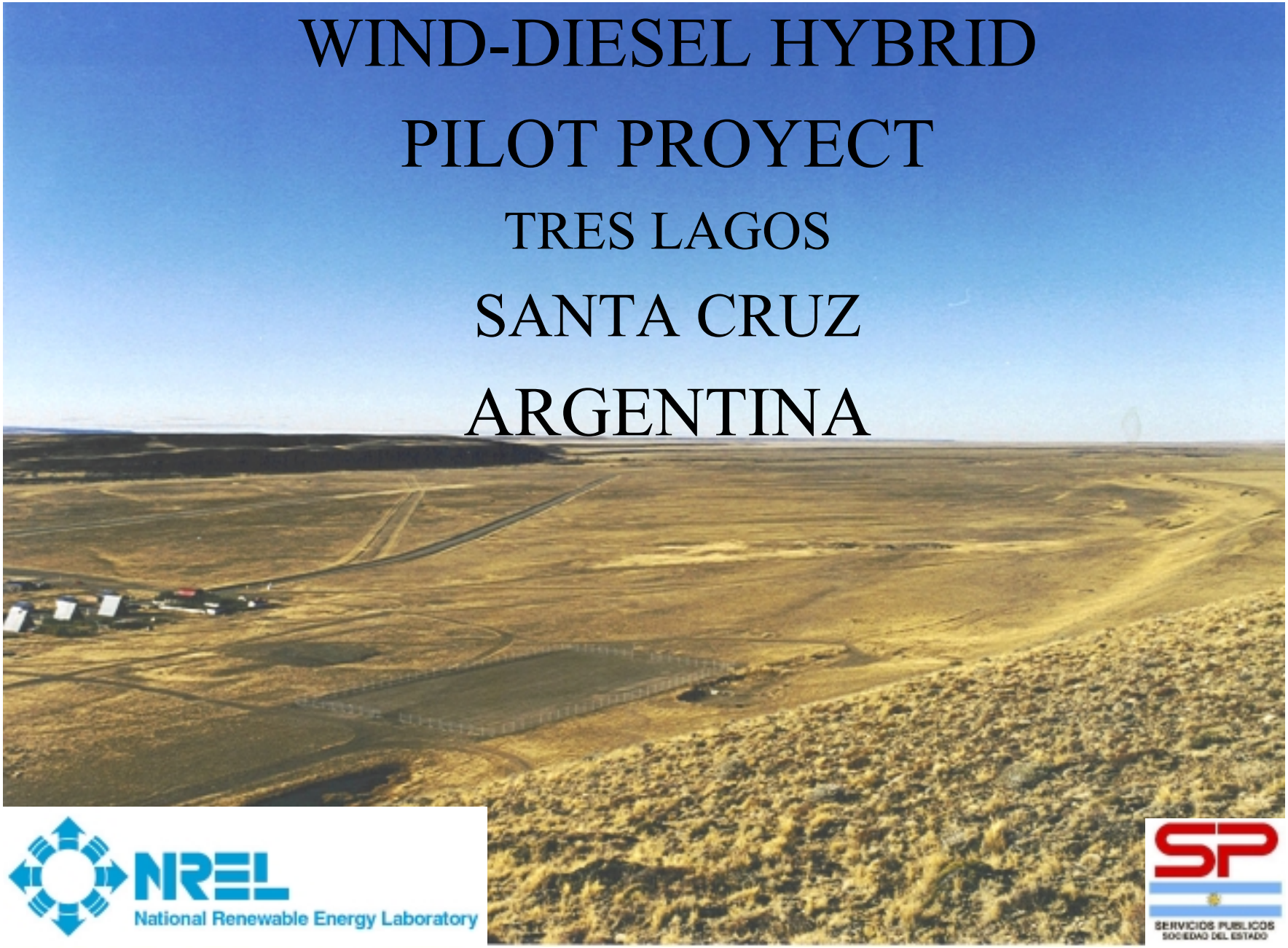
WIND-DIESEL HYBRID PILOT PROYECT

TRES LAGOS

SANTA CRUZ

ARGENTINA



NREL
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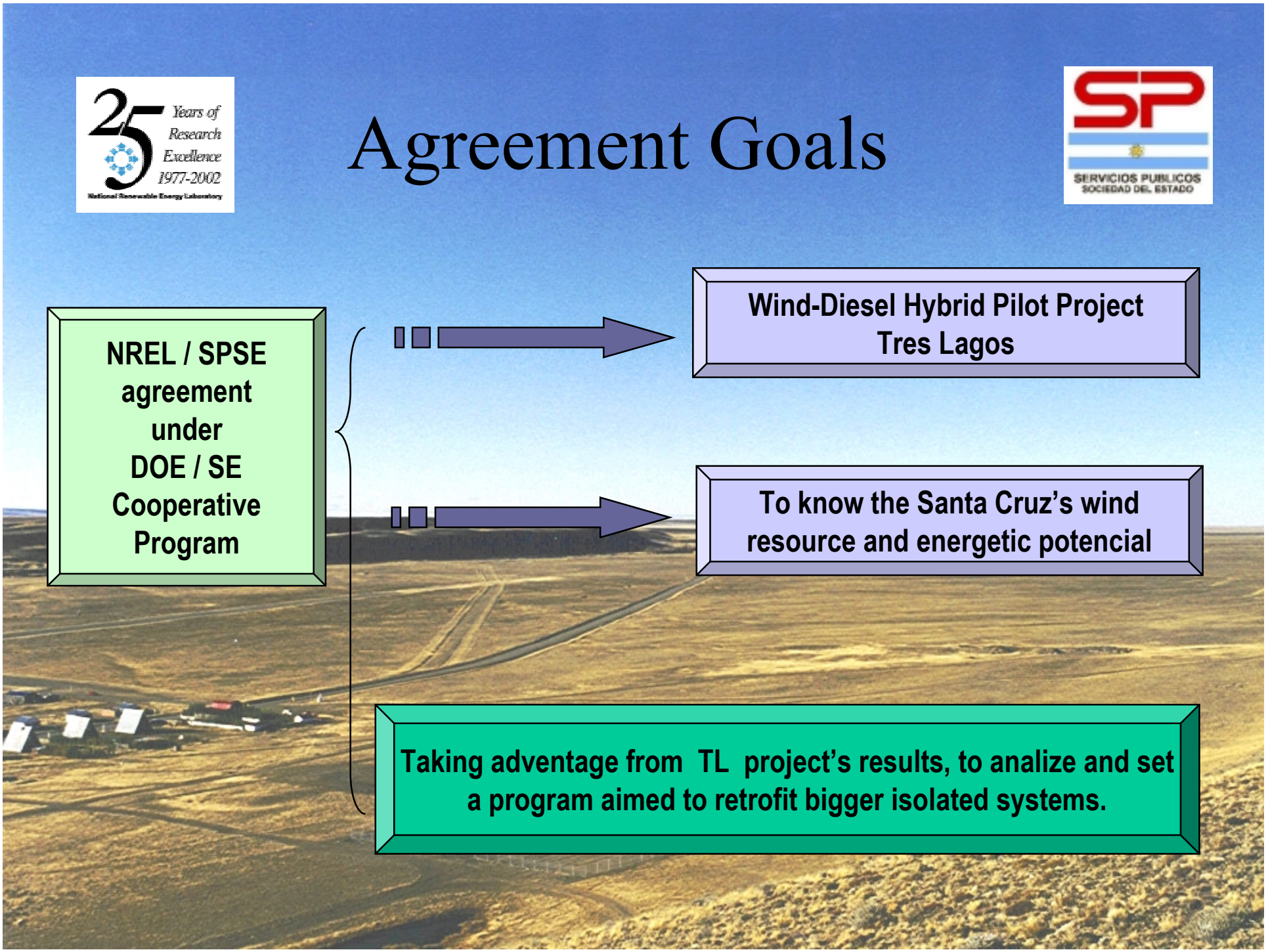
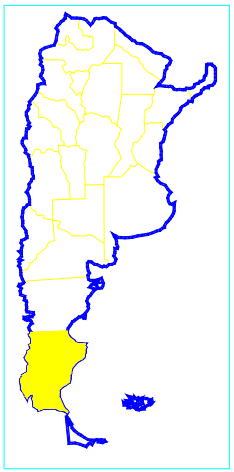
Location

Agreement Goals



Santa Cruz, ARGENTINA



El Calafate, SANTA CRUZ

Tres Lagos, SANTA CRUZ

25 Years of Research Excellence 1977-2002
National Renewable Energy Laboratory

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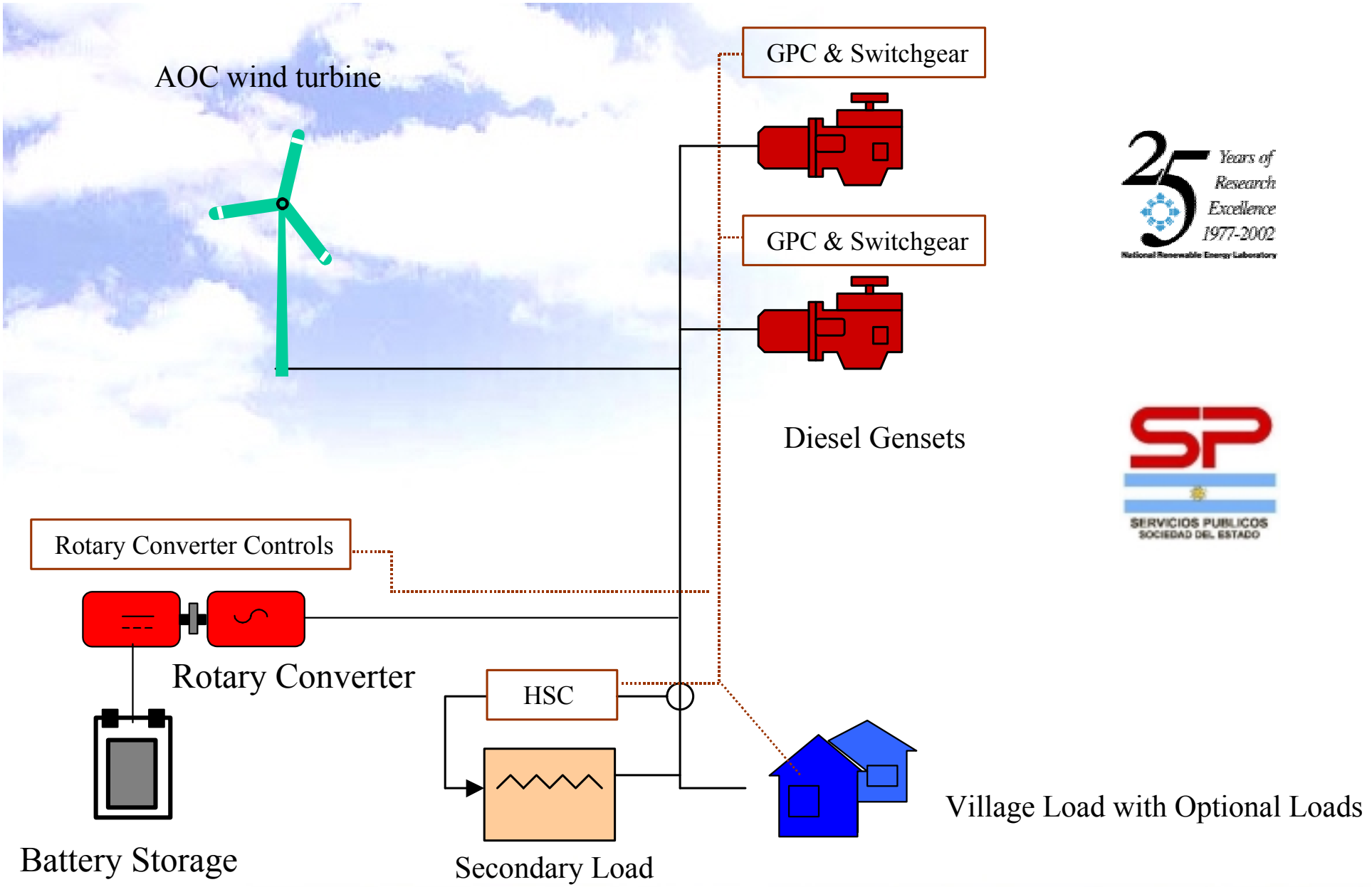
Tres Lagos Wind-Diesel Hybrid Pilot Project



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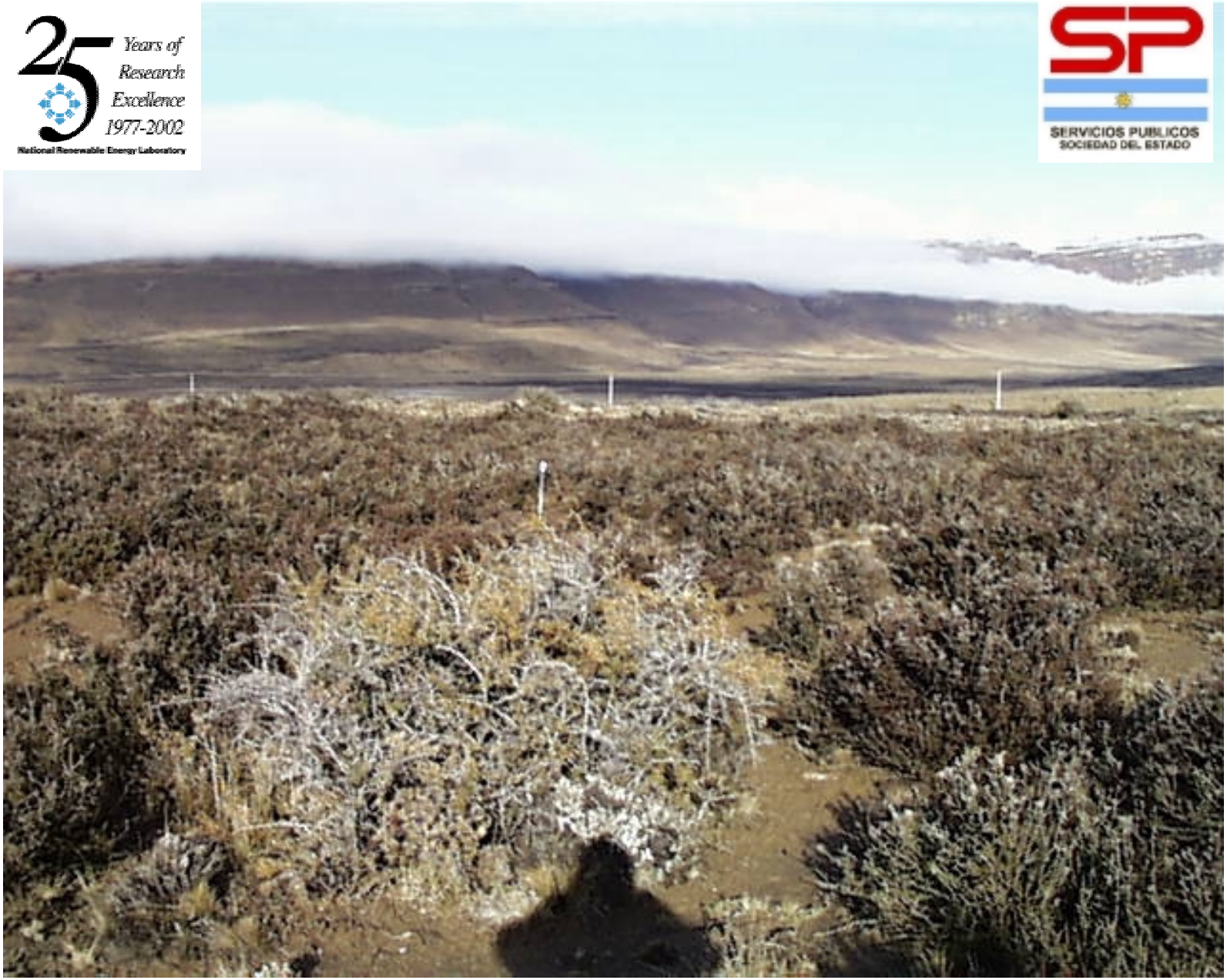
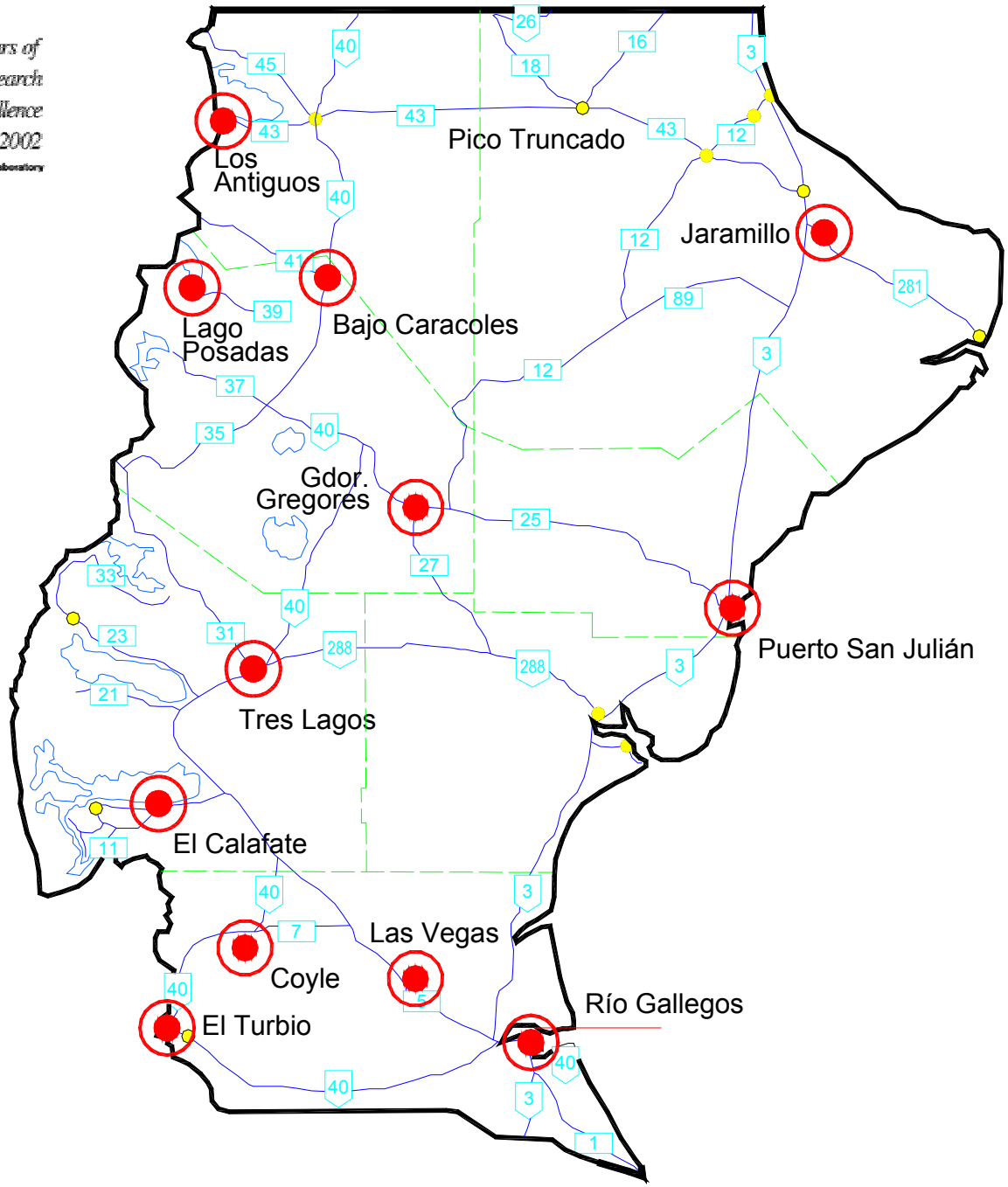
El Calafate Wind Pilot Project



Anual Energy and Peak Load

GRID	PEAK kW	ENERGY kWh/year	FUEL
Rio Gallegos	21.773	109.618.463	Gas
Pto. Santa Cruz	2.432	11.181.312	Gas
Piedra Buena	1.810	1.928180	Gas
San Julian	1.790	8.830.294	Gas
El Calafate	1.795	10.291.580	Diesel
Punta Bandera	60	263.124	Diesel
Tres Lagos	83	430.248	Diesel
Gdor. Gregores	718	3.134.088	Diesel
El Chalten	181	725.988	Diesel
Perito Moreno	1.150	3.061.293	Diesel
Los Antiguos	650	2.751.162	Diesel
Lago Posadas	98	380.895	Diesel
Bajo Caracoles	24	52.642	Diesel
Jaramillo	120	504.300	Gas
Rio Turbio	-	11.887.082	Diesel
28 de Noviembre	-	7.094.954	Diesel

Wind measurement sites in Santa Cruz