



Seal SUSTAINABLE ENERGY AUTHORITY Seal SUSTAINABLE Energy Snap Shot of Aran Islands Overview 1,500 Tonnes of Oil Equivalent . - 62% Heat (% coal, kerosene) Aran Islands Energy Snap Shot - 25% Electricity All Electric Wind/Ocean Concept - 13% Transport (8,400km av) • Preliminary Study Results • 1.2mEuro Energy Bill for Islands pa Renewable Energy Resources Technology Development and Demonstration: - Wind Gaotha go Rothaí - Wind to Whels Max Capacity = 3MW · Rationale & Goals · 675kW wind farm on Inis Meain Special Area of Conservation Components - Wave The Cars • 17.5MW within 5km (3MW!) Tidal Current speed <2m/s so tidal energy not viable

































Step 2 – Smart Grid Wind/Ocean with Electric Vehicles and Heat Pumps – All Electric System







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Development of Smart Grid Technologies – Electric Vehicle Demonstration









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Ceisteanna?

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