

Project Portfolio

Draft: PBv01

#	project	focus	specific	opportunity
1	Renewable Power	Solar	floating	investigate opportunity to develop 20MW+ floating solar project at Blauwestad
2	Renewable Power	Solar	floating	investigate opportunity to develop 50MW+ floating solar project at Blauwestad
3	Scenario development	autonomous mobility	new infrastructure earthquake areas	understand implications and possible opportunities to design and build autonomous ready - example: Waymo, Google, Phoenix, Arizona
4	Development	education	solar car	jointly support cross-education Solar Race Groningen project to compete in Australian Solar Race 2019
5	Power to Heat	district heating	EcoGenie	investigate opportunities for EU subsidies
6	Wind	lobby	wind boven de wadden	align efforts
7	Energy storage	battery grid services	bus depot	new bus depot will be connected to 10MW 30k line . Investigate opportunity to develop energy storage grid services/arbitrage services for Tennet, respectively local grid arbitrage
8	Venture investments	start-up's	NOM, EBG	investigate opportunities to for fund-in-fund investments
9	Climate Adaption Institute GVEA	R&D		City council is interested to investigate Shell's support to attract parts (finance R&D) of GCEA to Groningen

Location	Groningen		Shell		
	entity	contact person(s)	entity	business	contact person
Blauwestad	Province	5.1.2e 5.1.2e	New Energies	solar	5.1.2e 5.1.2e
Meerstad between Eemskanaal and Slochterdiep	City council	5.1.2e 5.1.2e	New Energies	solar	5.1.2e 5.1.2e
Loppersum area	Province and City Council	5.1.2e 5.1.2e 5.1.2e 5.1.2e	New Energies - Shell NL ETP	digital ventures - Downstream	5.1.2e 5.1.2e
Groningen	Province and City Council	5.1.2e 5.1.2e 5.1.2e 5.1.2e	Shell NL ETP	Groningen	5.1.2e 5.1.2e
Groningen	City council	5.1.2e	Shell NL ETP	Groningen	5.1.2e 5.1.2e
Groningen	City council	5.1.2e 5.1.2e	Shell NL ETP	Groningen	5.1.2e 5.1.2e 5.1.2e
Peizerweg, Groningen	OV bureau	5.1.2e	Shell NL ETP	Groningen	5.1.2e
Groningen			New Energies	Shell Technology Ventures	5.1.2e 5.1.2e
Groningen	City council	5.1.2e 5.1.2e	Shell NL ETP	Groningen	5.1.2e 5.1.2e 5.1.2e

2/16/2018

Next steps
arrange 1st meeting between parties
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arrange 1st meeting to frame scenario project
support solar race Groningen to develop pitch book for proejct presentation, Council and province are very interest to support project
5.1.2e to contact 5.1.2e to investigate options
5.1.2e to plan for follow-up call with 5.1.2e
arrange meeting to investigate opportunity
5.1.2e to arrange for meeting and possible knowledge exchange with NE Energy Access Monisola Olarewaju