





Israeli Hydrogen Economy Delegation to the Netherlands 15-20 May 2022

Contents

Mission objectives	4
Organizing team	4
Sunday 15 May 2022 - Travel	5
13:00 Meeting at Ben Gurion airport, Terminal 3	5
16:00-20:15 Travel Tel Aviv -> Schiphol with El Al	5
Lodging: Mövenpick Amsterdam City Centre	5
Monday 16 May 2022 – Amsterdam	6
Breakfast available 6:30-10:30	6
7:15 Checkout and luggage on bus	6
8:00-9:00 Breakfast with representatives of the Israeli embassy in the Netherlands	6
9:30-10:00 Drive to Port of Amsterdam	6
10:00-12:30 Visit Port of Amsterdam	6
12:30-13:15 Lunch at Port of Amsterdam	7
13:20-13:45 Walk to Shell (20-25 min walk)	7
14:00-16:30 Visit Shell Technology Centre Amsterdam (STCA), Amsterdam	8
16:45-18:45 Travel to Hydrogen Refueling Station Green Planet Pesse	9
18:45-19:30 Visit Hydrogen Refueling Station Green Planet Pesse	9
19:40-20:00 Travel from Pesse to Assen	9
20:00-21:30 Dinner Liff restaurant	10
21:30-22:00 Travel from Assen to Groningen	10
Lodging: Best Western Plus Hotel Groningen Plaza	10
Tuesday 17 May 2022 - Groningen	11
Breakfast available 6:30-10:00	11
7:00-8:00 Breakfast	11
8:25-8:45 Travel to municipality	11
9:00-10:00 Meeting with Municipality of Groningen	11
10:00-10:30 Travel to Gasunie	12







10:30-12:00 Visit Gasunie	12
12:00-12:30 Travel to EnTranCe	13
12:30-15:30 Visit EnTranCe: tour, lunch, and presentations	13
15:30-16:00 Travel to Synagogue of Groningen	14
16:00-17:00 Visit the Synagogue of Groningen	14
17:15-17:30 Travel to hotel	14
18:00-22:00 Dutch Israeli hydrogen networking event	15
Lodging: Best Western Plus Hotel Groningen Plaza	16
Wednesday 18 May 2022 – Eemshaven & Delfzijl	17
Breakfast available 6:30-10:00	17
7:00-7:45 Breakfast	17
7:45 Checkout and luggage on bus	17
8:45-9:20 Travel from Groningen to Eemshaven	17
10:00-12:30 RWE AG (hydrogen in industry)	17
12:30-12:40 Drive from RWE to Groningen Seaports (GSP)	18
12:45-13:15 Lunch at GSP	18
13:15-14:45 Groningen Seaports (GSP)	18
15:00-15:15 Drive from Eemshaven to Delfzijl	18
15:30-16:00 Chemical Park Delfzijl	18
16:00-17:30 Drive from Delfzijl to Almelo	19
17:30-18:30 Checkin to hotel	19
19:00-21:30 Dinner Nielz Restaurant	19
Lodging: Hotel Huis van Bewaring	19
Thursday 19 May 2022 - Almelo and Rotterdam	20
6:30-7:00 Checkout + Luggage on the bus + identification of luggage	20
7:00-7:50 Breakfast	20
8:00-8:15 Drive to VDL Energy Systems	20
8:15-10:45 Visit VDL Energy Systems	20
11:00-14:00 Drive to Port of Rotterdam + lunch in the bus	21
14:00-16:00 Visit Port of Rotterdam	21
16:00-17:30 Travel from Rotterdam to Schiphol + snack packets in bus	22
21:30-03:05 Flight from Schiphol to Ben Gurion LY336	22
Practical Information	23
Corona and travel regulations	23
Advice Israël Quarantine Travelcheck Rijksoverheid.nl	23
Corona measures	23







Espionage risks	23
ID card	23
Mission booklet	23
Networking	24
Payments	24
Pictures and social media	24
Pitching and presentations	24
Points of Contact	24
Transfer from airport to hotel	25
WhatsApp Group	25
Weather and dress code	25



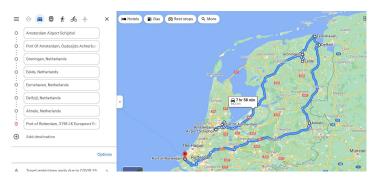




Mission objectives

The aims of the meeting are to introduce Israeli experts from the government, private and academic sector on the major developments in the Netherlands in the field of its hydrogen economy (i.e., policy, infrastructure, research and development, international cooperation and more).

The meetings will take place in Amsterdam, Groningen, Almelo, and Rotterdam



Organizing team

Name	Affiliation	Role	Contact details
Mark Boneschanscher	Technical University of	Manager of Eindhoven	m.p.boneschanscher@tue.nl
	Eindhoven	Institute for Renewable	+31-6-42036032
		Energy Systems EIRES	
Jochem Durenkamp	New Energy Coalition	Project Manager	j.durenkamp@newenergycoalition.org
	(NEC)	Hydrogen	+31-6-24233551
Debby Huiser	New Energy Coalition	Event Manager	d.huiser@newenergycoalition.org
	(NEC)		+31-6-22520333
Christina Koutsomailis	RVO	Event coordinator	Christina.koutsomailis1@rvo.nl
			+31-6-11888991
Racheli Kreisberg	Netherlands Embassy in	Innovation attaché	racheli@nost.org.il
	Israel		+972-52-9530385







Sunday 15 May 2022 - Travel

13:00 Meeting at Ben Gurion airport, Terminal 3

16:00-20:15 Travel Tel Aviv -> Schiphol with El Al

Contact: Ronit Graiver, ronitg@bd-graiver.co.il, +972 50-821-6442

20:45 Meeting with Christina at arrival hall, after customs

Lodging: Mövenpick Amsterdam City Centre

Address: Piet Heinkade 11, 1019 BR AMSTERDAM

Cost: EUR 195 per person per night, including breakfast

contact: +31 (0) 20 519 12000





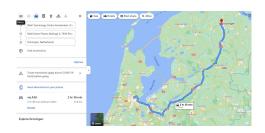






Monday 16 May 2022 - Amsterdam

Bring your passport ID with you



Breakfast available 6:30-10:30

7:15 Checkout and luggage on bus

8:00-9:00 Breakfast with representatives of the Israeli embassy in the Netherlands

- Rob Dekkers, Head of Innovation
- Karin Eliyahu-Pery, Head of Public Diplomacy,

Location: Mövenpick Amsterdam City Centre

9:30-10:00 Drive to Port of Amsterdam

Address: De Ruijterkade 7, 1013 AA Amsterdam. Havenzaal on the 13th floor with view of the city.

Parking: The bus can park for a short time opposite the building. There are a number of parking spaces for buses at the pier ("Steigers) for the river cruises. Bus continues to Shell

10:00-12:30 Visit Port of Amsterdam

Contact person: Linda Schuring

10.00 – 11.00 International hydrogen projects and the import of green hydrogen

Eduard de Visser, Director of Strategy, Port of Amsterdam

11:00 - 11.45 Hydrogen in the Netherlands and potential cooperation between NL and Israel on hydrogen

Jörg Gigler, Managing Director Topsector Energy / TKI New Gas

12.00 - 12.15 Introduction of Dutch hydrogen strategy
Han Feenstra, Program manager Hydrogen, Ministry of Energy and Climate Policy





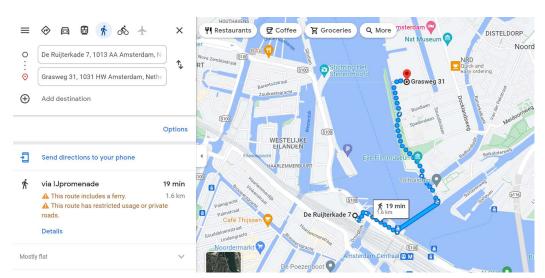


12:30-13:15 Lunch at Port of Amsterdam

Address: De Ruijterkade 7, 1013 AA Amsterdam. Havenzaal on the 13th floor with view of the city.

13:20-13:45 Walk to Shell (20-25 min walk)

Address: Grasweg 31, 1031 HW Amsterdam



Shell is easily accessible from the Port Building. The walk takes about 20/25 minutes via the ferry at Central Station.

Page /

Parking for the bus: The bus can let people off at the front of the main entrance and then park at the Distelweg (paid) or look for a place elsewhere.







14:00-16:30 Visit Shell Technology Centre Amsterdam (STCA), Amsterdam

Website: https://www.shell.nl/over-ons/about-stca.html

Contact: Annemieke Teuben, Corporate Relations Advisor - Energy

Transition



Time	Action	
13:45 - 14:00	Security Check - Coffee & Tea	
14:00 – 14:15	Introductory talk by Linda Boukhelifa (TL H2 Supply Chain, Storage & Mobility)	
14:15 – 14:50	Israeli delegation 5-min presentations	
	 Autonomous hydrogen Energy Based Unit, <u>Aric Granit</u>, MAFAT, Ministry of Defense. MAFAT is promoting the establishment of a military base and/or a civilian neighborhood, which will function as a micro grid and will operate relevant major components of a hydrogen eco-system: Solar PV input, Electrolyzer, storage and pipeline, and fuel cells for High voltage, backup systems and refueling station for mobility applications. Powering a Sustainable Society, <u>Dr. Ervin Tal-Gutelmacher</u>, Hydrolite. HYDROLITE's superior Alkaline Exchange Membrane technology offers a compelling solution that combines the cost advantages of liquid Alkaline Fuel Cells and Electrolyzers, with the high performance of solid-state Proton Exchange Membrane devices. Drop of the million, ICL, <u>Yair Rivlin</u> – "Green Sdom" project manager. ICL targets 	
	for decarbonization of Dead Sea Works site, which currently emit about one million tons of carbon per year.	•
14:50 – 15:10	Wiveka Elion presents about import and export Hydrogen including Q&A	
15:10 - 15:30	Peter van Giessel presents about startups including Q&A	
15:30 – 16:15	General ETCA tour – focused on hydrogen and visiting electrolyzer (3 groups).	Page 8
16:15 – 16:30	Closing and returning to the bus	Ра§



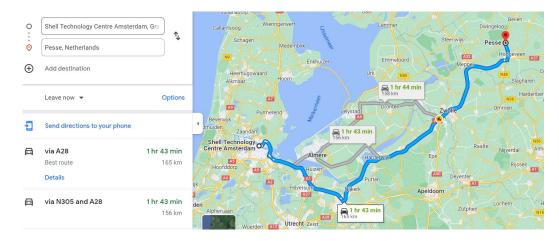




16:45-18:45 Travel to Hydrogen Refueling Station Green Planet Pesse

Website: https://greenplanet.nl

A28 – afslag 28, Bultinge 2, 7933 TZ PESSE

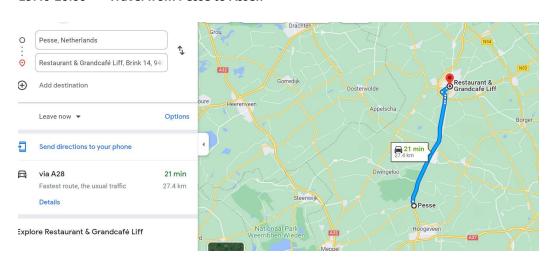


18:45-19:30 Visit Hydrogen Refueling Station Green Planet Pesse

Contact person: Edward Doorten



19:40-20:00 Travel from Pesse to Assen



Page







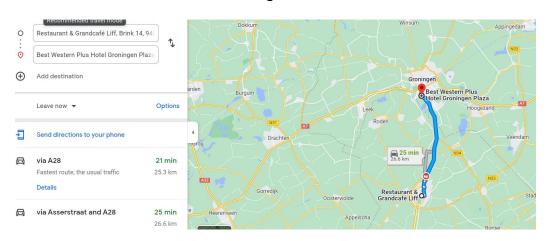
20:00-21:30 Dinner Liff restaurant

Website: https://www.liffinassen.nl/menu/#dinner Address: Brink 14, Assen, +31-592 -302 777

Contact person: Debby Huiser



21:30-22:00 Travel from Assen to Groningen



Lodging: Best Western Plus Hotel Groningen Plaza

Address: Laan Corpus den Hoorn 300, 9728 JT GRONINGEN

EUR 105 per person per night, including breakfast

Contact: +31 (0) 50 5248000 info@hotelgroningenplaza.nl









Tuesday 17 May 2022 - Groningen

Host: Jochem Durenkamp, New energy Coalition

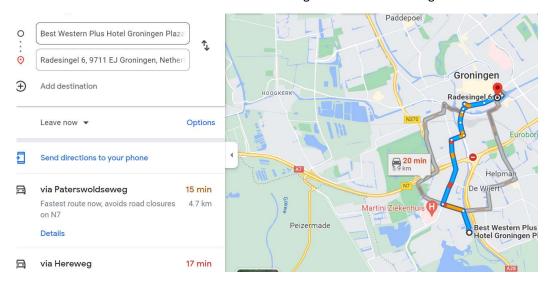
Bring your passport ID with you

Breakfast available 6:30-10:00

7:00-8:00 Breakfast

8:25-8:45 Travel to municipality

The bus cannot drive to the Radesingel 6. It can stop at the Zuiderdiep bus station / corner Rademarkt and then it is a 5-minute walk to the Radesingel. Martine and Ramona will be waiting for us at the Radesingel.



9:00-10:00 Meeting with Municipality of Groningen

Address: Radesingel 6, 9711 EJ Groningen.

Contact person: Heleen Mulder - Hulsebos and Ramona Beute

Program

Presentation by the Municipality of Groningen on the importance of regional support to kickstart large projects (e.g., the Northern Netherland hydrogen valley) and a dialogue about possible (regional) cooperation

- Ms. Ramona Beute, Municipality Groningen
- <u>Martine van Gemert</u>, senior hydrogen policymaker, Municipality Groningen

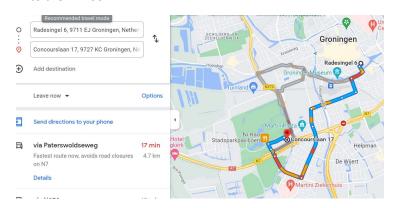






10:00-10:30 Travel to Gasunie

Directions: The bus driver can keep to Concourslaan 17 Groningen, it looks like he is entering a dead end but he just has to continue and then the 2nd exit on the right is the A-island for visitors. It is best to park the bus along the curb at the level of the lever. Anyone can then get out and walk towards our building. The contcat person will wait for the delegates and guide them to the PR room.



10:30-12:00 Visit Gasunie

Contact person: Ms. Gea Hummel-de Vries, <u>G.Hummel@gasunie.nl</u>

Address: PR Hall, Concourslaan 17, 9727 KC Groningen



Program: Presentations about the hydrogen projects of Gasunie (HyStock, the backbone, NortH2) and a discussion with the delegation about the role of Israel as a hydrogen corridor and possible cooperation.

Meeting with <u>Hans Coenen</u>, Vice President Corporate Strategy and Business Development, Gasunie

Israeli presentation:

 Blue hydrogen and the Leviathan project in the Mediterranean Area, Reuben Bor, Hydrogen project manager, NewMed Energy

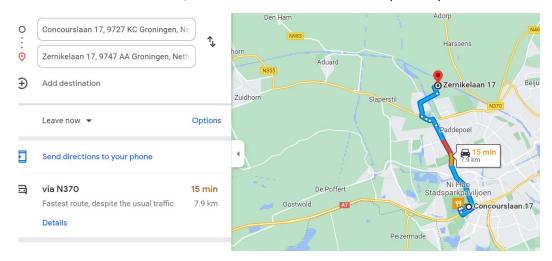






12:00-12:30 Travel to EnTranCe

The bus driver can drop the delegation off at EnTranCe but he cannot park on site. In case the driver remains on the bus, De Bunders is the most convenient place to park.



12:30-15:30 Visit EnTranCe: tour, lunch, and presentations

Address: Zernikelaan 17, Groningen

Location: Room E1.21/E1.22

Contact person: Alina Kruizenga



Presentations by:

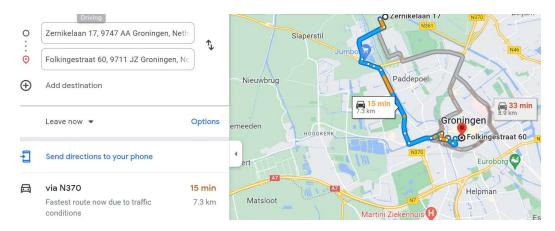
- Tour at and presentation by EnTranCe, Hanze University of Applied Science, Groningen
- <u>HEAVENN</u> and developing Hydrogen Valleys VR presentation, <u>Jochem Durenkamp</u>, Hydrogen Project Manager, New Energy Coalition
- The Hydrogen value chain and <u>HEAVENN, Jochem Durenkamp</u>, Hydrogen Project Manager, New Energy Coalition
- Israeli presentations:
 - S2H2 Sun to Hydrogen Park initiative in Israel, Udi Galun, IL Min of defense. A joint initiative of the Israeli ministries of energy, defense, innovation, science and Technology and the ministry of economy to establish a regional hydrogen valley in the Central Negev region.







15:30-16:00 Travel to Synagogue of Groningen

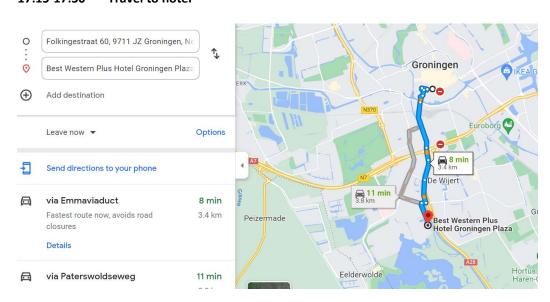


16:00-17:00 Visit the Synagogue of Groningen

Website: https://www.synagogegroningen.nl/ Address: Folkingestraat 60, 9711 JZ, Groningen



17:15-17:30 Travel to hotel









18:00-22:00 Dutch Israeli hydrogen networking event

Address: Best Western Plus Hotel, Laan Corpus den Hoorn 300

18:00-18:30	Welcome drinks
18:30-19:00	Entrée – government's view
18:30-18:35	Welcome note by Dr. <u>Racheli Kreisberg</u> and <u>Jochem</u> <u>Durenkamp</u>
18:35-18:40	Welcome by <u>Patrick Cnubben</u> and short introduction on HEAVENN Hydrogen Valley
18:40-18:45	Opening words, Dr. <u>Gideon Friedman</u> , head of Israeli hydrogen delegation to the Netherlands and Chief Scientist, Israeli Ministry of Energy
18:45-18:55	Could the Middle East contribute to Europe's and the Netherland's energy security and climate ambitions via exports of Green and Blue Hydrogen? Dr. Amit Mor, CEO and Owner at Eco Energy Financial & Strategic Consulting Ltd.
18:55-19:00	Israel Climate Goals – Status, Opportunities and Challenges, Dr. <u>Isaac Kedem</u> , Ministry of Environmental Protection
19:00-20:30	Main course – academic and industry opportunities
19:30-19:35	Energy related research at Ben-Gurion University of the Negev, Prof. Yaniv Gelbstein, Ben Gurion University of the Negev
19:35-19:40	The Grand Technion Energy Program (GTEP), Prof. <u>Yoed</u> <u>Tsur</u> , Technion
19:40-19:45	The first project of green hydrogen in Israel, Yam Efrati-Bekerman, head of the "off grid" division in Doral renewable energy, Doral Energy
19:45-19:50	From Hydrogen to Powder To Power, Avigdor Luttinger, Electriq Global
19:50-19:55	Taavura group, a leading mobility, transportation and logistics group and one of Israel's largest truck and heavy vehicle importer and user, promotes an energy project in the south of Israel, Rammy Molcho, Taavura Group.







20:00-20:30 Switching tables (IL delegates stay seated and NL guests

move to new table)

20:30-21:00 Dessert – funding opportunities

20:45-21:00 Horizon Europe, Joint EU initiative on Green Hydrogen, and

other funding opportunities for NL and IL cooperation, Pieter Houttuin (RVO, NL enterprise agency) and <u>Assaf Aharon</u>

(ISERD, Israel Innovation Authority)

21:00-22:00 Networking

Lodging: Best Western Plus Hotel Groningen Plaza







Wednesday 18 May 2022 - Eemshaven & Delfzijl

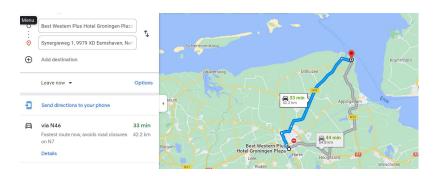
Host: Jochem Durenkamp, New energy Coalition

Breakfast available 6:30-10:00

7:00-7:45 Breakfast

7:45 Checkout and luggage on bus

8:45-9:20 Travel from Groningen to Eemshaven



9:30-10:00 Arrival, entry and ascend by lift

10:00-12:30 RWE AG (hydrogen in industry)

Address: Synergieweg 1, 9979 XD Eemshaven

Important: bring ID

Dress code: Wear long pants, long sleeve shirt, flat shoes without heels.

Ladies no skirt/dress nor shoes with high heels.

Program:

Focus: transition from fossil fuel to hydrogen

 Marinus Tabak, Head of Central Asset Management









12:30-12:40 Drive from RWE to Groningen Seaports (GSP)



12:45-13:15 Lunch at GSP

13:15-14:45 Groningen Seaports (GSP)

Address: Schildweg 16, 9979 XR Eemshaven

13:15-14:00 Presentation Groningen Seaport Focus: import of hydrogen from the Netherlands

14:00-14:45 Presentation – to be determined

15:00-15:15 Drive from Eemshaven to Delfzijl



15:30-16:00 Chemical Park Delfzijl

Address: Oosterhorn 4, 9936 HD Farmsum

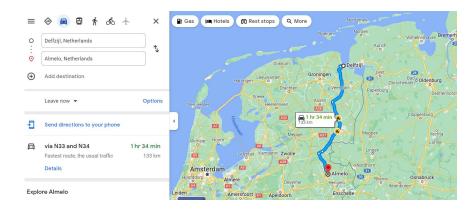
Website: https://www.chemieparkdelfzijl.nl







16:00-17:30 Drive from Delfzijl to Almelo



17:30-18:30 Checkin to hotel

19:00-21:30 Dinner Nielz Restaurant

Address: Marktplein 31, 7607 HM Almelo

Website: https://nielz.nl



Lodging: Hotel Huis van Bewaring

Address: Marktstraat 7, 7607 HC Almelo

Cost: EUR 120 per person per night, including breakfast

Contact: +31 (0) 546 852 206 / receptie.huisvanbewaring@sheetz.nl









Thursday 19 May 2022 - Almelo and Rotterdam

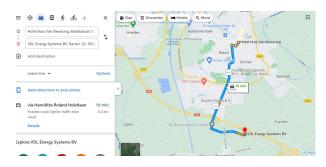
6:30-7:00 Checkout + Luggage on the bus + identification of luggage

7:00-7:50 Breakfast

8:00-8:15 Drive to VDL Energy Systems

Address: Darwin 10, Almelo

Website: https://www.vdlenergysystems.com



8:15-10:45 Visit VDL Energy Systems

Host: Marco Rine, business developer VDL Energy Systems

Contact Person: Anita Lansink-Veldscholte

Focus: VDL's role in zero emission mobile and stationary

applications (both H₂ and electric)

Program:

- 8:15 Arrival guests
- 8:25 Welcome by Ivo Wessels Managing Director VDL-Energy Systems
- 8:30 VDL Enabling Transport Solutions, <u>Chiel ter Laak</u>, Managing Director VDL-ETS
- 8:50 VDL Special Vehicles, <u>Hans Bekkers</u>, Sales Director, VDL Special Vehicles
- 9:10 Energy Transition, <u>Marco Rine</u>, Manager Business Development VDL Energy Systems
- 9:45 Factory visit in 4 groups. Every group can spend 15 minutes at one of the departments and will be guided by an employee of VDL-ES. At every department an employee of VDL-ES will explain the visitors what is happening at:
 - Balancing Bunker for rotating equipment
 - Machining
 - Packaging
 - Energy transition Products

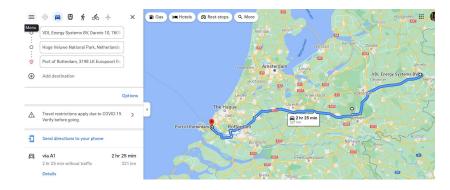








11:00-14:00 Drive to Port of Rotterdam + lunch in the bus



14:00-16:00 Visit Port of Rotterdam

Address: lobby of the World Port Centre, Wilhelminakade 901, Rotterdam

Contact person: <u>Martijn Coopman</u> and <u>Elisangela da Conceicao</u>, E.Conceicao@portofrotterdam.com

14:00-15:00 pick up Martijn Coopman and Randolf Weterings at World

Port Centre and drive through the port with explanation of

Hydrogen plans of the port.

15:00-16:00 presentations and dicsussion

Address: Maasvlaktezaal, EIC Mainport Rotterdam,

Noordzeeweg 6, 3181 ML Rozenburg

Presentations Israeli companies

- Israel's hydrogen plans, Dr. <u>Gideon Friedman</u>, head of Israeli hydrogen delegation to the Netherlands and Chief Scientist, Israeli Ministry of Energy
- Could the Middle East contribute to Europe's and the Netherland's energy security and climate ambitions via exports of Green and Blue Hydrogen? Dr. Amit Mor, CEO and Owner at Eco Energy Financial & Strategic Consulting Ltd.
- From Hydrogen to Powder to Power, <u>Avigdor Luttinger</u>, Electriq Global
- Accelerating the pathway to 1USD/kg, Rotem Arad, H2Pro
- Drop of the million, ICL, <u>Yair Rivlin</u> "Green Sdom" project manager. ICL targets for decarbonization of Dead Sea Works site, which currently emit about one million tons of carbon per year.

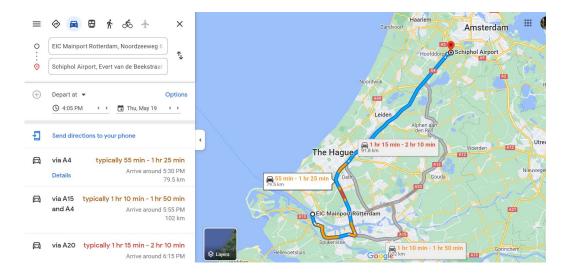
Presentation Dutch companies
Battolyser and Proton Ventures







16:00-17:30 Travel from Rotterdam to Schiphol + snack packets in bus



21:30-03:05 Flight from Schiphol to Ben Gurion LY336







Practical Information

Corona and travel regulations

Flight and PCR

Leaving Israel - Corona Traffic Light Model (Ramzor) Website (health.gov.il)

Rules for entering the Netherlands | Coronavirus COVID-19 | Government.nl

Advice Israël | Quarantine Travelcheck | Rijksoverheid.nl

Corona measures

In the Netherlands there are a few COVID-19 regulations to keep in mind <u>Coronavirus</u> <u>measures and advice in brief | Coronavirus COVID-19 | Government.nl</u>. Face masks must still be worn on planes and at airports beyond the security checkpoint. In case of need, we have COVID-19 antigen diagnostic kits and face masks available.

Espionage risks

Be advised that travelling abroad for professional purposes makes you a possible target for espionage. Please use the following link for more information on how to take precautionary measures to decrease the risk of (digital) espionage:

https://english.aivd.nl/publications/publications/2018/04/16/publication-travelling-abroad--safety-risks-now-available-in-english. The flyer 'Travelling abroad-safely risks' by the Dutch General Intelligence and Security Service (AIVD) provides those travelling for business with useful tips on how to handle confidential information and data carriers prior to, during, and after their trip abroad.

ID card

Identification card: always bring your passport ID during the program.

Mission booklet

The mission booklet is the business card of our delegation. We have enough booklets with us to hand out during the program. We have included the digital version of the booklet with this mail, feel free to share it with your contacts.







Networking

Business cards: please bring enough business cards (+/- 200), if you do not have enough business cards make sure you also have the card digitally as a V-card.

Payments

In the Netherlands we use EURO. Please check the currency converter.

At Schiphol Airport you can find ATM's to obtain cash. The hotel expenses can be paid in cash or by credit card. Major credit cards and debit cards, such as Visa, MasterCard and American Express are widely accepted in the Netherlands at restaurants, hotels, and tourist destinations. Although some small shops may charge a fee of anywhere from 2-6% if you use them.

Pictures and social media

We will be taking pictures and advertise them on social media. In addition, the correspondent of Haaretz Newspaper is part of the delegation to report on the mission and the major findings and opportunities upon return.

Pitching and presentations

Consider how to explain what your organization does in one short & triggering sentence. In addition, make sure to prepare a short pitch of a maximum of 2 minutes for any occasion you may need to pitch your organization or project you are working on.

In the program you will find your 5-min long pitching opportunities.

Points of Contact

Racheli Kreisberg +972-52-953 0385

Christina Koutsomailis +31-6-11888991

Please keep us as main contact for all your questions before and during the trip







Transfer from airport to hotel

We will provide a bus from Schiphol Airport to the hotel for those participants who booked the flight schedule as recommended:

Arrival: 15 May LY339 16:00-20:15

Departure: 19 May LY336 21:30-03:05

If you follow a different travel itinerary the organization of your transfer and the ensuing costs of transportation will be your own responsibility.

WhatsApp Group

We will also make use of a WhatsApp group with the latest program details (final update still to be done). The WhatsApp group can be used for various communication purposes: tips, changes in departure times or other urgent matters. You will receive an invitation from Racheli to join this group.

Weather and dress code

- Clothing advice: casual. On Wednesday 18 May during visit to RWE: wear long pants, long sleeve shirt, flat shoes without heels. Ladies no skirt/dress nor shoes with high heels
- The weather forecast in the Netherlands is partly cloudy with temperatures around 9 °C at night and 19 °C during the day.