

THURSDAY 21 SEPTEMBER

GENERAL

TIME	WHAT	DESCRIPTION	SPEAKERS & MODERATORS	LOCATION	THEME
8.30	Springtide Academy 	55 international students depart for Terschelling to participate in the Springtide Academy	www.springtij.nu/academy	Folkshogeskoalle Schylgeralân, Hoorn	
9.00	Energieboot (Energy boat)	Students, startups, researchers and other buoyant young people sail on clippers to Springtij.		Own ships	
9.20	Depart Utrecht CS OV ticket-holders	Train travellers can travel by NS in a Springtij carriage from Utrecht to Harlingen		NS Train	
11.30 - 13.00	Reception	Reception of participants in Harlingen ferry terminal with coffee and bread rolls. Issue of badges and programme booklet	- Marianne Berendse, General Director of Springtij - Bert Wassink, Mayor of Terschelling - Piet Noordenbos, Logistics Manager Springtij	Ferry terminal Harlingen	
13.00	On board	Departure Springtij boat			
14.15	All hands in the shed	Opening Springtij Forum 2017	<i>Day Chairperson:</i> Harm Edens	Tonnenloods	
		Metamorphosis and the Strange Time	- Harm Edens - Wouter van Dieren, Scientific Director Springtij		
		Halve Maen and Volle Maan A quick focus on the transition in heavy industry.	- Tjeerd Jongsma, ISPT		
		Reinventing fire Video message from Amory Lovins			
		The Winning of the Carbon War Tracking the rapid downfall of the international fossil fuel industry	- Jeremy Leggett, founding director Solarcentury and chair Carbon Tracker		
		The rise and success of natural capital The shift to a world where business conserves and enhances natural capital.	- Mark Gough, Natural Capital Protocol		
		Musical intermezzo	Rose Hip		
15.45	Galley	Coffee		Betonningsterrein	
16.15	Move	To Departures			

THURSDAY 21 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
16.30	<p>D1. Travel differently – or not at all</p> <p>The Netherlands Transport Country was once the motto of this sector. Many CO₂ and other environmental benefits can be gained. Springtij participants are asked to complete their Travel Differently plan in advance.</p>	<p><i>Over 50% of journeys are made for work or commuting. If all employees can 'travel differently', this will save a lot of energy and CO₂ emissions. How difficult is this to change in practice? We will present the research results from 2degrees mobility, examine the measures that pioneers have chosen, what triggers real behavioural change, and what Springtij-goers recommend. We will enter into dialogue with each other with all this input: how can we accelerate 'travel differently'?</i></p>	<ul style="list-style-type: none"> - Niels van Geenhuizen, Arcadis - Bouwe de Boer, Freon Fan Fossylfrij Fryslân - Naard Hermans, Low Car Diet - Carola Wijdoogen, NS 	Wadhuus	Mobility & Transport
	<p>D2. The Valley of Death of circular business</p> <p>The Valley of Death is a term from the innovation environment: new products and startups need to achieve economies of scale to survive. The same seems to be the case for circular business practices: a lot is said about this, the number of scaled-up initiatives is, however, extremely limited so far.</p>	<p><i>Three experts share their experiences with applying circular economy principles and why, in spite of all the positive attention, it is so incredibly difficult to make circular business 'the new standard'.</i></p>	<ul style="list-style-type: none"> - Bert van Son, Mudjeans - Cécile van Oppen, Copper8 - Pieter van den Herik, CSR Netherlands 	<p>Ieders Plak - Terrace</p> <p>(In the event of poor weather: Zeezaal)</p>	Resources/Circular Economy
	<p>D3. How you can feed billions of people without harming the planet</p> <p>No theme creates so much conflict and is as emotionally and politically charged as the food supply. The Club of Rome calculated that the planet can feed up to 2 billion people. The UN Food and Agricultural Organisation (FAO) thinks that there is enough for 10 billion and more. However, we are now seeing the signs of a food crisis. There are bottlenecks everywhere.</p>	<p><i>An analysis of the causes and consequences of the food crisis. The dividing lines run straight across farming organisations, NGOs, interest groups, government organisations and the business world. There are countless 'schools' and polarisation is high. We will be discussing the feasibility of the transition to a more sustainable system.</i></p>	<ul style="list-style-type: none"> - Krijn Poppe, Wageningen UR - Lucas Simons, NewForesight - Kirsten Schuijt, WNF - Anniek Mauser, Unilever - Suzanne van der Pijll, Schuttelaar & Partners - Bas Rüter, Rabobank - Sjeff Staps, Louis Bolk Instituut 	<p>StayOkay - Speelduin</p> <p>(In the event of poor weather: Wakend Oog meeting room)</p>	Food
	<p>D4. The city and region as financial system</p> <p>You can organise financing by considering everything in the region as something separate. One body pays for roads, the other for forests, water, housing and industrial areas, and others for waste and clean air. Cities and regions such as Amsterdam, Rotterdam, Twente and Fryslân are choosing a regional approach. We are stronger together. More worth or added value.</p>	<p><i>The challenges for energy, climate adaptation, soil health, employment opportunities and health are diverse and region-specific. Cities and regions are combining smart connections, multiple value cases and damage prevention. This demands innovative public-private financing. We will explore how regional financing could look in practice.</i></p>	<ul style="list-style-type: none"> - Wynand Dassen, Municipality of Rotterdam - John van Duursen, Commonland 	<p>StayOkay - Opiumduin</p> <p>(In the event of poor weather: Westzicht meeting room)</p>	Finance

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ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
16.30	<p>D5. The Rainbow: invest differently (part 1)</p> <p>Conventional procedures are inadequate as far as the Economics of the Planet are concerned. You know that it's necessary, but the investor says it's not possible. Although it may result in salvation, it is not profitable. Like the Delta Works weren't profitable as assets. Or the dikes around the polders, which after all are not on the water board's balance sheet. We will present projects to the Open Society that Springtij is, in order to provide the needed political capital. Conventional investment decisions are a thing of the past.</p>	<p><i>Innovative thinkers and doers present ground-breaking plans to a panel of investors, entrepreneurs, NGOs and scientists in order to obtain political capital. The audience votes on this.</i></p> <p>Cases:</p> <ul style="list-style-type: none"> - HyEnergy TransStore: storage and transport of hydrogen - Lagerwey: ascending construction crane that grows with the construction of wind turbines - Ascem: Low CO₂ cement from secondary raw materials - De Zonnellagune: floating solar panels below the Afsluitdijk 	<p>- Moderator: Jolande Sap</p> <p>For panel members see: www.springtij.nu/regenboog</p>	Doopsgezinde Kerk	Innovation
	<p>D6. Building with nature</p> <p>Across the world the coast is falling and the water is rising. "Call in the Dutch!" wrote the US media after the devastation following Hurricane Sandy. There are just a few companies in the Netherlands and Belgium that dominate the world market for coastal defence. This does not only concern extra dikes, but also pre-deltas, wave-breaking wetlands, new reefs, the Marker Wadden or the Sand Engine that strengthen our coast using natural currents.</p>	<p><i>Why build hard dikes if you can also use natural processes? Various cases are offered in this session, from the Sand Engine to a mangrove project in Indonesia. The participants are sent 'into the woods' with a question and return with a green solution.</i></p>	<p>- Sander Dekker, Van Oord - Femke Tonneijck, Wetlands International</p>	Strandzeilvereniging	Water & Sea
	<p>D7. Energy transition: the game is played locally (part 1)</p> <p>Energy companies such as Enexis and Alliander are facing issues regarding the introduction of decentralised sustainable systems. Within a radius of a few kilometres, initiatives are created that, however decentralised, are tied to cooperation. New networks, settlements, storage, balancing, failures. This chapter in the energy transition still largely needs to be written.</p>	<p><i>To make a district energy neutral, you need to create support among residents. And you need change agents to obtain that support and to reach decisions. During this DIY session with Enexis and Alliander you assume the role of actors in local energy supply. Be yourself or someone else and in a role-play experience where the interest and convincing arguments lie.</i></p>	<p>- Peter Vermaat, Enexis - Moderator: Harm Edens</p>	Ieders Plak - Boszaal and Bostuin	Energy
	 <p>D9. The Energy and Climate jury</p> <p>In front of a jury of 20 prominent people, entrepreneurs, scientists, activists and politicians make a plea for their good cause. The objective: a 100% climate-friendly energy supply. All pleas are different; each person chooses a different way.</p>	<p><i>We heard 18 pleas during Springtij 2016 and at a Springtij-stopover held at SER in April 2017. This autumn the jury will present its final report, which we view as a building block for the next Energy and Climate Agreement.</i></p>	<p>For the pleaders and jury visit www.springtij.nu/klimaatjury</p>	Spuiterij, Tonnenloods	Energy

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GENERAL

TIME	WHAT	DESCRIPTION	SPEAKERS & MODERATORS	LOCATION	THEME
18.00	Move	Collect bicycles		Betonningsterrein	
18.15	To the hotels	To hotels and own accommodation			
19.30	On the move	Buses leave the hotels. People who have their own accommodation can embark at Hotel Schylge.			
19.45	Follek om Oost	Captains dinner On Terschelling the doors are always open. You don't ring, you call "Follek!" Or: "I'm here!" We will dine in Hoorn and Oosterend villages.		Hoorn and Oosterend People who are not travelling with the Springtij can go to the Groene Weide café in Hoorn.	
22.00	On the move	By bus to Oosterend beach			
22.15		Fjoer on the beach Terschelling lighthouse, de Brandaris, is also known as 'Fjoertoer'. We will gather this evening around a large 'Fjoer' on the beach, with music and Terschellinger Jutters-Bitter.		Oosterend	
22.00	On the move	A bus back to the hotel for those that want it. Via Groene Weide café for the night owls. With music from Hessel & Tess.			
23.15	To bed	Buses back to the hotels			

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8.45	All hands in the shed	In search for the next and the next and the next new economic order, not satisfied with all stories read so far. A Spanish zen-fury	- Diego Isabel la Moneda, NESI Charter		
		No transition without innovation	- Lidewijde Ongering, Secretary General Ministry Infrastructure and Environment - Cees Oudshoorn, Director VNO-NCW - Under leadership of Harm Edens		
		Islander's wink			
		Motives and the fear of grounding About leadership and fear as motivating force for change.	His Royal Highness Prince Carlos de Bourbon de Parme, Stichting Compazz, in conversation with Jaap Smit, The King's Commissioner for the Province of South Holland		
		Startup On the Beach Young inventors and entrepreneurs present their dreams and plans in a short film.	Plastic Whale, GreenerU, Hemelwater, Den Food Bosch, Circular IQ, SeaCurrent, NATR (Nature's Answer To Rain), One Planet Consultancy		
8.45	Excursion	Oysters on the Wad Flang Cupido is the Wadden Sea chef, the master chef that welcomes his guests with all kinds of delicacies that are there for the picking at low tide. Oysters, mussels, winkles, razor clams and cockles. Stand with your feet in the mud, while Flang explains, opens a shell and lets you taste.		08.45 Meet at the Tonnenloods	
8.45	Excursion	Pollination behind the shifting dunes Hidden deep in the idyllic dune slacks lie the Tuintjes, where the islanders grow their vegetables. There are bee hives here. The beekeeper will explain the amazing world of the honey bee. On the island the beekeeper isn't affected by bee mortality because the stock of pollen and nectar is so high. But nationally, the picture is very different. Project Manager Kim Nackenhorst explains about Buzzing Spring, the opposite of Silent Spring (Rachel Carson, 1962). How you can use a calculation model that is used for CO ₂ compensation, to earn millions together with road users for 70,000 hectares of bee roadside verges.		08.45 Meet at the Tonnenloods	
8.45	Excursion	Visit to the Halve Maen People change the world. But there are also ships, that have changed the course of history. The Batavia, the Zeven Provinciën, the Oranje, the Willem Ruys; the Halve Maen belongs in that illustrious row of maritime icons. This Dutch East India Company ship will be berthed in the harbour at Terschelling for the occasion of Springtij. The Halve Maen is a small and manoeuvrable Dutch East India Company yacht that became renowned following English Captain Henry Hudson's 1609 voyage of discovery in the ship. A guide will give a tour of this special ship that represents everything that made the Netherlands so successful and powerful in the first quarter of the Seventeenth Century; trade, entrepreneurship, pushing boundaries, the meeting of cultures and adventure.		08.45 Meet at the Tonnenloods	

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10.15	Galley	Coffee		Betonningsterrein	
10.45	Move	To Departures			

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
11.00	<p>V1. Ports as circular and CO₂ neutral hubs</p> <p>In the large ports of the world, there are always enormous ships moored with coal and oil; the fuels of the modern century. This is changing. The aim is that by 2050, there will be no CO₂ emissions. Other raw materials, for example biomass and other products. They call this the maritime circular economy.</p>	<p><i>The ports of Rotterdam and Groningen demonstrate how they are working to become circular and CO₂-neutral ports. This includes scenarios from the Wuppertal institute for the Port of Rotterdam. We are searching for possibilities for cooperation.</i></p>	<ul style="list-style-type: none"> - Victor Schoenmakers, Nico van Dooren, Port of Rotterdam - Monique van den Dungen, Groningen Seaport - Moderator: Sybren Bosch 	Westerkerk	Resources/ Circular Economy
	<p>V2. Wet and dry farmers</p> <p>Farmers have to live with an uncertain future. Climate change is happening, the soil is either drying out or is flooded, temperatures are rising and income continues to fall. The current agricultural landscape is disappearing. What will replace this, is not known.</p>	<p><i>Farmers are always the victims. There is intensive and extensive agriculture, organic or nature-intensive. Everyone in the food chain earns from it, apart from most farmers. The stage is for them: for their experiences, concerns and opportunities.</i></p>	<ul style="list-style-type: none"> - Hendrik Hoeksema, ZLTO - Joris Lohman, Foodhub - Lucas Simons, NewForesight - 5 farmers take the floor, including Hans Huijbers, ZLTO 	Gèskieker	Food
	<p>V3. Water as structuring principle</p> <p>God created the earth, but forgot the Netherlands. So the inhabitants made it themselves. Some 65% lies below sea level. If the North Sea exceeds above the Rhine, the river will no longer be able to flow and super dikes will be needed as the Rhine will lie above the land. Enormous pumps will be used to pump the water over the edge into the sea. Water is thus the new oil. Water management is a huge challenge for engineers and financiers.</p>	<p><i>The Netherlands is the global top player regarding solutions for too much, too little, too polluted and too hazardous water. In financing, there is still too little appreciation for water, while climate change demands a lot of investment. We will examine national and international water issues and the search for appreciation translated into financing.</i></p>	<ul style="list-style-type: none"> - Marcel Beukeboom, Climate Envoy, Ministry of Infrastructure and Environment - Kristel Verhoef, Actiam - David van Raalten, Arcadis - Menno Snel, NWB - Ingrid Heemskerk, Waternet 	StayOkay - Wakend Oog meeting room	Finance

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11.00	<p>V4. Energy transition: the game is played locally (part 2)</p> <p>Dozens of cities are working on the switch to sustainable energy systems. This includes combinations of sun, wind, heat and cold storage, hydrogen, batteries. Just like every city still has a natural gas installation to control gas demand, new organisational forms need to be developed for the new energy. We will take Leeuwarden as an example.</p>	<p><i>Leeuwarden is also making the switch to a decentralised and sustainable energy system. In the first part, participants used a role-play to experience the forces at play in such a process. Bouwe de Boer, Energy Coordinator at Leeuwarden, uses video recordings of this to outline the energy transition in his city.</i></p>	<ul style="list-style-type: none"> - Bouwe de Boer, Municipality of Leeuwarden - Roel Woudstra, Enexis - Mascha van Vuuren, Alliander - Peter Vermaat, Enexis - Moderator: Harm Edens 	<p>Ieders Plak - Boszaal and Bostuin</p>	Energy
	<p>V5. Startup on the Beach</p> <p>Startup on the Beach gives seven innovative startups around the Natural Capital theme the option to pitch their biggest challenges and to address these together with Springtij participants.</p>	<p><i>The following startups will present themselves: Plastic Whale, GreenerU, Hemelswater, Den Food Bosch, Circular IQ, SeaCurrent, NATR (Nature's Answer To Rain), One Planet Consultancy</i></p>		<p>Manege West, Groene Strand</p> <p>(In the event of poor weather: Ieders Plak)</p>	Innovation
	<p>V6. Leadership in the dunes</p> <p>Everyone at Springtij is already a leader or will become one. At some point. You will do this with complete conviction, or filled with anxiety, asking, searching, compelling, possibly being successful, or not. Who knows? In the dune slacks, there are coaches and leaders who know the way. You can go and consult them.</p>	<p><i>Take a walk to consult:</i></p> <ul style="list-style-type: none"> - Fred Matser, social entrepreneur, humanitarian, author - Sandra Geisler, Managing Director Lighthorse, expert in business transformation and natural leadership - Carola Wijdoogen, Director of Sustainability, NS - Maria van der Heijden, Director CSR Netherlands - Suzanne van der Pijll, Schuttelaar & Partners - Mireille Wiegman, Owner, Ieders Plak, trainer, project manager 		<p>Bunkers Tigerstelling</p> <p>(In the event of poor weather: Canteen Bunkers Tigerstelling)</p>	Leadership
	<p>V7. The Rainbow: invest differently (part 2)</p> <p>Conventional procedures are inadequate as far as the Economics of the Planet are concerned. You know that it's necessary, but the investor says it's not possible. Although it may result in salvation, it is not profitable. Such as the Delta works were not profitable, or the dikes around the polders, which after all are not on the water board's balance sheet. We will present projects to the Open Society that Springtij is, in order to provide the needed political capital. Conventional investment decisions are a thing of the past.</p>	<p><i>Innovative thinkers and doers present ground-breaking plans to a panel of investors, entrepreneurs, NGOs and scientists in order to obtain political capital. The audience votes on this.</i></p> <ul style="list-style-type: none"> - OPAC: hydro-electric power storage and generation in Limburg - Emergo: artificial islands for such things as coastal defence and nature development - TenneT: the Doggersbank as energy island 	<ul style="list-style-type: none"> - Moderator: Jort Kelder <p>For panel members see: www.springtij.nu/regenboog</p>	<p>Doopsgezinde Kerk</p>	Innovation

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ON DECK

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11.00	 <p>V8. The Energy and Climate jury In front of a jury of 20 prominent people, entrepreneurs, scientists, activists and politicians plead for their good cause. The objective: a 100% climate-friendly energy supply.</p>	<p><i>All pleas are different; each person chooses a different way. We heard 18 pleas during Springtij 2016 and at a Springtij-stopover held at SER in April 2017. This autumn the jury will present its final report, which we view as a building block for the next Energy and Climate Agreement.</i></p>	<p>For the pleaders and jury visit www.springtij.nu/klimaatjury</p>	Spuiterij, Tonnenloods	Energy

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12.30	Move				
12.45	Galley	<p>Lunch with expedition During the lunch, take a walk along the six ISPT innovations, talk with the entrepreneurs and give your opinion in the Babbelbox! You can also visit the ships, the Ecolution and Halve Maen.</p>		Betonningsterrein	
14.00	Move	To Departures			

ON DECK

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14.15	<p>V9. Hope springs eternal The Netherlands is one large border region. A delta. The transition from sea to land. A fertile but also a dangerous place. Our special relationship with water has led to a special culture. Adapting, risks and cooperation; these sit in our blood. There is a storm brewing, but hope springs eternal. Let's go back to what makes us unique.</p>	<p><i>In this Departure, we will investigate how culture and nature can come together to ensure that The Netherlands is green, dynamic and future-proof. We will examine how it is that people are now so removed from nature and rediscover what our strength is.</i></p>	<ul style="list-style-type: none"> - Joop Mulder, Sense of Place - Arita Baaijens, explorer, biologist and author of <i>Paradijs in de polder (Paradise in the Polder)</i> 	<p>StayOkay - Opiumduin</p> <p>(In the event of poor weather: Westzicht meeting room)</p>	Nature
	<p>V10. Other cash flows Money depends on trust and for centuries, symbols have been devised for this. Pieces of paper stating, In God We Trust. Value papers that turned out to have no value. Silver and gold. A tally stick with notches, to which we owe the word stock exchange. Switzerland has a local currency of which billions are used for exchange. United Economy now works with the United. This means that cash isn't lost to the stock exchange and speculation, but is released for the sustainable economy.</p>	<p><i>We buy our daily items and services with cash. But the impact of that cash is often not sustainable. Money's power of change is only really used if it circulates in a sustainable network. The entrepreneurs at the United Economy cooperation make this happen. They are creating a new economy with and for each other.</i></p>	<ul style="list-style-type: none"> - Matthijs Bierman, Triodos - Niels Braamse, Kyotolease <p>Kyotolease and Triodos Bank are both members of the United Economy cooperation</p>	<p>School playground Vossersschool</p> <p>(In the event of poor weather: Vossersschool)</p>	Finance

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ON DECK

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14.15	<p>V11. Hydrophobia and hydropower Water was and is not decisive when making financial decisions. Investors do not ask whether a property lies below the (future) sea level, and hardly ask whether it will meet the other future norms. Safe dikes are not on the balance sheet. The Water Footprint of an investment is not measured. Such as the hundreds of litres that are needed to grow a kilo of tomatoes.</p>	<p><i>We will focus on the financing of water solutions: on how policy, scenarios and what local area-focused approaches look like. We will investigate which capital and which collaborations are needed for this. And we will focus specifically on water in Amsterdam.</i></p>	<ul style="list-style-type: none"> - Menno Snel, Waterschapsbank - Ingrid Heemskerck, Waternet - Marcel Beukeboom, Climate Envoy, Ministry of Infrastructure and Environment - David van Raalten, Arcadis - Kristel Verhoef, Actiam 	Strandzeilvereniging	Finance
	<p>V12. A natural capital account for The Netherlands Ltd In this session, CBS and Wageningen UR explain how far they are with this Dutch 'nature housekeeping book'.</p>	<p><i>CBS and Wageningen UR explain how far they are with the 'nature housekeeping book' for the Netherlands. The business world reflects. Working language: English</i></p>	<ul style="list-style-type: none"> - Roel Drost, EY - Lars Hein, Wageningen University - Mark Gough, Natural Capital Protocol 	WestEnd Theater	Natural capital
	<p>V13. The Rainbow: invest differently (part 3) Conventional procedures are inadequate as far as the Economics of the Planet are concerned. You know that it's necessary, but the investor says it's not possible. Although it may result in salvation, it is not profitable. Such as the Delta works were not profitable, or the dikes around the polders, which after all are not on the water board's balance sheet. We will present projects to the Open Society that Springtij is, in order to provide the needed political capital. Conventional investment decisions are a thing of the past.</p>	<p><i>Innovative thinkers and doers present ground-breaking plans to a panel of investors, entrepreneurs, NGOs and scientists in order to obtain political capital. The audience votes on this.</i></p> <ul style="list-style-type: none"> - <i>Black Bear Carbon: upcycling of written-off car tyres</i> - <i>HogeSnelWeg: mobility solution through building motorways above existing motorways</i> - <i>SolaRoad: the road surface as solar panel</i> 	<ul style="list-style-type: none"> - Moderator: Jort Kelder <p>For panel members, see www.springtij.nu/regenboog</p>	Doopsgezinde Kerk	Innovation
	<p>V14. Help, the Wadden are sinking Sailing from Harlingen to Terschelling you pass the bird island of Griend. This was recently reinforced with sand spraying and a small dike, otherwise the Sandwich Tern eggs would have been destroyed. The Wadden Sea is created nature. People from Ameland would like a deeper channel, people from Terschelling don't want the Boschplaat to erode. Some think that the seabed is sinking because of gas or salt extraction or that the Wadden will disappear below the rising sea levels. Created nature, certainly. Because people decide.</p>	<p><i>Residents, fishermen, bio-builders and birds fight for their existence on the Wadden. Tourists also want to be able to continue to visit the beautiful islands. And industry wants to extract raw materials. All interests in a unique nature reserve of international significance, which has limited natural coping capacity. We will ascertain how these interests can be brought together in this creative meeting for stakeholders in the field.</i></p>	<ul style="list-style-type: none"> - Pier Vellinga, Katja Philippart and Jouke van Dijk, Wadden Academy - Flang Cupido, Stichting Zilte Tuin, Flang in de Pan 	<p>Dike at Kinnum</p> <p>(In the event of poor weather: Gèskieker)</p>	Nature/Water & Sea

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	<p>V15. Van Gas Los In a short time natural gas has changed from benefactor that produced the welfare state to a pariah that needs to be removed. In just a few decades people are aiming to replace the calorific density of natural gas and its tremendous infrastructure with renewables. How this is to happen on wind-still winter days, nobody knows. Storage and reserve capacity are key words. The process to replace natural gas still needs to be discovered. The laws stand in the way between the dream and the deed as well as many technical and financial objections.</p>	<p><i>Electric heating results in huge peaks in electricity demand in periods of severe frost. The question is whether the network needs to be modified at a cost of billions of euros for a peak that occurs just once every few years. Kees van der Leun (Ecofys) gives his vision. A support base for gas-free depends partly on the costs for the citizen. Energie-Nederland conducted research and Medy van der Laan presents the outcomes. We will discuss this following a column from Martien Visser (Gasunie).</i></p>	<ul style="list-style-type: none"> - Medy van der Laan, Energie-Nederland - Kees van der Leun, Ecofys - Martien Visser, Gasunie 	De Kraak	Energy
	<p>V16. The European Energiewende The Wende in Germany is a success, but many, especially in this country, doubt that. Dr. Lehmann is one of its main architects, his task now to spread the understanding of the Wende throughout Europe. Closely linked is the concept of Resource Efficiency, hardly known here. In conjunction with the European Resource Forum (Berlin) and the World Resource Forum (Davos) the system of Resource Efficiency is being explored and advocated.</p>	<p><i>In the Netherlands the Energiewende is connected with 'expensive', 'impossible' and 'success'. Ron Wit from Eneco is familiar with all the questions, and here in debate with Harry Lehmann.</i></p>	<ul style="list-style-type: none"> - Harry Lehmann, Umweltbundesamt and 'architect' of the Energiewende - Ron Wit, Director Strategy Eneco 	Westerkerk	Energy

GENERAL

TIME	WHAT				
15.45	Move				
16.00	Galley	Coffee		Betonningsterrein	
16.30	Departure	The Springtide Academy students leave the island.			
16.30	Move	To Departures			

FRIDAY 22 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
16.45	<p>V17. Perhaps there is a future All around us, people are searching for new food production, new roles, new tasks. More land use for agriculture means less space for landscape and nature. Intensive farming – which means less land use – means more industrialisation. The risks for the soil, biodiversity, animal welfare and population health need to be re-evaluated. The necessary system changes are immense.</p>	<p><i>The Netherlands wants to be a pioneer in sustainable food production, as expressed in the World Food Summit. Pioneers and followers in the new food production expose the barriers.</i></p>	<ul style="list-style-type: none"> - Jaap Petreaus, Friesland Campina - Willem Lageweg, TransitieCoalitie - Jeroen Willemsen, Green Protein Alliance - Peter van Velzen, Tim Verhoef en Aldrik Gierveld, Ministry of Economic Affairs - Hans Koot, Province of South Holland - Arnaud Passenier, Ministry of Infrastructure and Environment - Lucas Simons, NewForesight 	<p>School playground Vossersschool</p> <p>(In the event of poor weather: De Kraak)</p>	Food
	<p>V18. Natural capital, valuable for society and the business world The Natural Capital Protocol gives companies insight into their relationship with and dependence on natural capital. This changes many business models. Companies now know that this can also reduce costs and offer opportunities.</p>	<p><i>Companies will share their experiences in this session. This is followed by discussion with those involved and with participants.</i> <u>Working language: English</u></p>	<ul style="list-style-type: none"> - Volkert Engelsman, Eosta - Leonie van der Voort, Cascade Zandgrind - Mark Gough, Natural Capital Protocol 	<p>StayOkay - Speelduin</p> <p>(In the event of poor weather: Wakend Oog meeting room)</p>	Natural capital
	<p>V19. Directing in leadership Leadership in an organisation is in itself not easy; taking leadership in the transition from a sector seems to be entirely impossible. You have to influence what cannot be influenced or what lies outside the scope of your organisation.</p>	<p><i>In an interactive discussion - also with the participants - managers courageously share how they address this, where their concerns lie and which turning points they have experienced.</i></p>	<ul style="list-style-type: none"> - Ingrid Thijssen, Alliander - Pauline Westendorp, Energiecommissie - Moderator: Harm Edens 	<p>Ieders Plak - Bostuin</p> <p>(In the event of poor weather: Boszaal)</p>	Leadership
	<p>V20. The (undiscovered) strength of water Wetterskip Fryslân, Rijkswaterstaat and the Province of Fryslân talk about water management in the most water-rich region of the Netherlands. During Springtij in 2018 we will show this illustrious history to the whole world. This year, we will be focusing on drinking water and surface water.</p>	<p><i>Nederland Waterland understands the strength of water. This leads to another strength, that of clean drinking water, purification, sanitation and of water as source of raw materials. We will also make the link with the SDGs.</i></p>	<ul style="list-style-type: none"> - Yede van der Kooij, Wetterskip Fryslân - Alide Roerink, Earth Charter 	<p>StayOkay - Opiumduin</p> <p>(In the event of poor weather: Westzicht meeting room)</p>	Water & Sea
	<p>V21. Circular plastics chain: vision or new reality If your waste brings in money, it will be tidied, collected and reprocessed. Het Kennisinstituut Duurzaam Verpakken (KIDV) and Rebel have conducted research into closing the chain of plastic packaging material. It's about time: our beaches are full and sea life is being devastated by it.</p>	<p><i>Governments and the business world have made agreements regarding the reuse of plastic packaging. These hinder the further promotion of circular principles in the plastics chain. We will explain the current situation in the chain and talk with the important sectors about their role.</i></p>	<ul style="list-style-type: none"> - Kees Kerstens, RebelGroup - Hester Klein Lankhorst, KIDV 	Wadhuus	Resources/ Circular Economy

FRIDAY 22 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
16.45	<p>V22. Startup on the Beach Startup on the Beach gives seven innovative startups around the Natural Capital theme the option to pitch their biggest challenges and to address these together with Springtij participants.</p>	<p><i>The following startups will present themselves: Plastic Whale, GreenerU, Hemelswater, Den Food Bosch, Circular IQ, SeaQurrent, NATR (Nature's Answer To Rain), One Planet Consultancy</i></p>		<p>Betonningsterrein (In the event of poor weather: Tonnenloods)</p>	Innovation
	<p>V23. Leadership with horses In this outdoor workshop, horses demonstrate which unconscious behaviour influences your leadership. Can the horse trust you as leader? Go on an adventure with the Jaeike from Terschelling and her horses. EXCURSION</p>		- Jaeike Stienstra, www.jaiekemetpaarden.nl	Manege Horp	
	<p>V24. A walk in the countryside Terschelling is 90% nature, there are 152 bird species, countless rare plants and the entire landscape is a fairytale. A forester from Staatsbosbeheer will explain everything about this during a walk in the countryside. EXCURSION</p>			Meet for the Tonnenloods	
	<p>V25. Normal Is Over – The Movie A week prior to the Climate Summit, Renée Scheltema launched her incisive documentary <i>Normal Is Over</i>. In this she investigates why growth is still our holy grail, while the Earth clearly cannot sustain unending growth. Scheltema travelled to inspiring thinkers and doers from America, The Netherlands, Canada, Australia, India, Malawi, Belgium and South Africa. The film starts on Terschelling. FILM</p>	<p><i>You can view this film in the intimate cinema, WestEnd. Normal Is Over is mainly about possible solutions and the question of how we can build a new future. After the film there will be an opportunity for a discussion with the director/producer.</i></p>	- Renée Scheltema, documentary producer and photographer	WestEnd Theater	

FRIDAY 22 SEPTEMBER

GENERAL

TIME	WHAT	DESCRIPTION	SPEAKERS & MODERATORS	LOCATION	THEME
18.15	On the move	To the hotels (at your own steam)			
19.45	On the move	Buses leave the hotels. People who have their own accommodation can embark at Hotel Schylge.			
20.15	Follek!	Captains dinner On Terschelling the doors are always open. You don't ring, you call "Follek!" Or: "I'm here!" This evening you will be eating 'fish (or vegetarian) with your hands' in the dunes at Oosterend.		Camping de Duinkant, Oosterend	
22.00	Option 1	Sustainability from within In all social areas there are problems that can be traced back to the way in which we handle the earth and each other. We can only resolve these problems if we make a connection with our own internal being and with our environment. Nature can show us how to do this. Surrounded by nature, in the fairytale-like illuminated forest at Formerum, we will listen to Princess Irene from the NatuurCollege, who will make a plea for sustainability from within. Surrounded by music, rustling leaves and the murmur of the sea.	- Irene van Lippe-Biesterfeld Musicians: Sterre Konijn (vocals) and Mascha van Nieuwkerk (cello)	Bostheater Formerum (Departure from the camp site by bus or own transport)	
	Option 2	Night-time walk With a guide, you go on a night-time stroll through the island countryside in the dark. If you're lucky you'll see thousands of stars.	Forester	Departure from the camp site	
	Option 3	A bus back to the hotel for those that want it. Via Groene Weide café for the night owls. With music from Hessel & Tess.			
around 23.15	To bed	Buses back to the hotels.			

SATURDAY 23 SEPTEMBER

GENERAL

TIME	WHAT	DESCRIPTION	SPEAKERS & MODERATORS	LOCATION	THEME
8.00	Dawn	Departure from hotels. Participants in the Springtij hotels can have their luggage transported to the harbour, where they can collect it prior to the departure of the boat.			
8.45	All hands in the dunes	Metamorphosis and the Strange Time	Harm Edens	Zandafgraving Halfweg	
		The (il)legality of food production	- Jason Clay, Senior Vice President, Food & Markets at WWF, USA		
		New Contemplation in the Anthropocene era	- Fred Matser, social entrepreneur, humanitarian, author		
		Looking back at the Springtide Academy	- Speakers and students		
8.45	Excursion	Oysters on the Wad Flang Cupido is the Wadden Sea chef, the master chef that welcomes his guests with all kinds of delicacies that are there for the picking at low tide. Oysters, mussels, winkles, razor clams and cockles. Stand with your feet in the mud, while Flang explains, opens a shell and lets you taste.		08.45 Meet at the Tonnenloods	
8.45	Excursion	Pollination behind the shifting dunes Hidden deep in the idyllic dune slacks lie the Tuintjes, where the islanders grow their vegetables. There are bee hives here. The beekeeper will explain the amazing world of the honey bee.		08.45 Meet at the Tonnenloods	
8.45	Excursion	Visit to the Halve Maen People change the world. But there are ships, that have changed the course of history. The Batavia, the Zeven Provinciën, the Oranje, the Willem Ruys; the Halve Maen belongs in that illustrious row of maritime icons. This Dutch East India Company ship will be berthed in the harbour at Terschelling for the occasion of Springtij. The Halve Maen is a small and manoeuvrable Dutch East India Company yacht that became renowned following English Captain Henry Hudson's 1609 voyage of discovery in the ship. A guide will give a tour of this special ship that represents everything that made the Netherlands so successful and powerful in the first quarter of the Seventeenth Century; trade, entrepreneurship, pushing boundaries, the meeting of cultures and adventure.		08.45 Meet at the Tonnenloods	
10.15	Move	To the Betonningsterrein			
10.30	Galley	Coffee		Betonningsterrein	
11.00	Move	To Departures			

SATURDAY 23 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
11.15	<p>Z1. Dot on the horizon</p> <p>In 1946 the great agricultural reformer Sicco Mansholt named as dot on the horizon for his agricultural politics: 'No more hunger'. As member of the European Commission in 1958 he launched: 'No more poverty'. This led to the creation of the Common Agricultural Policy. The question now, is what the new dot on the horizon looks like. A Food Agreement or Agricultural Agreement in the making.</p>	<p><i>Society was asked to find answers to this at the Food Summit. Springtij is a spearhead of the Open Society so we can look for the answers here. There will first be a summary of the previous sessions. Then, in round table discussions, we will search for the final picture with an agenda and collaborative networks. Jason Clay will reflect on the current situation.</i></p> <p>Including lunch. Session lasts until 13.30.</p>	<ul style="list-style-type: none"> - Jason Clay, WWF - Lucas Simons, NewForesight - Suzanne van der Pijll, Schuttelaar & Partners - Joris Lohman, Foodhub - Hans Koot, Province of South Holland - Anniek Mauser, Unilever - Volkert Engelsman, Eosta - Moderator: Jolande Sap 	StayOkay - Dining hall	Food
	<p>Z2. From retention to creation</p> <p>The relationship between man and nature has been a turbulent one from the very beginning. First of all, nature determined the framework within which mankind acted; the roles are now reversed. But, like in any relationship, wisdom and deeper appreciation develops over the years. If we want to survive, then it's time to become adult. Time to look outside ourselves. Time to give space to nature again.</p>	<p><i>We will examine the sensitive issue of why nature policy in terms of 'retention and management' is not working and assess examples from a radically different way of looking at nature and society, namely by creating new nature.</i></p>	<ul style="list-style-type: none"> - Marc van den Tweel, Natuurmonumenten - John van Duursen, Commonland 	StayOkay - Opiumduin (In the event of poor weather: Westzicht meeting room)	Nature
	<p>Z3. Paris as context for the financial sector</p> <p>The search for a more sustainable financial sector is in full flow. Banks are searching for different earning models. Pension funds are investing in future-proof companies to ensure that members later receive their payments but, at some point, the system will break and this future will no longer exist. The most profitable investments are still in the defence industry. To destroy the future is profitable, to save it is NOT. Try to survive this schizophrenia.</p>	<p><i>It's about time that the Paris objectives were translated into the financial sector. The Platform Carbon Accounting Financials (PCAF) has started with a method of calculating and making clear the financed CO₂ emissions (scope 3, cat. 15) of their investments. The next step is to set Science-Based Targets or a Carbon Budget for the financial sector.</i></p> <p><u>Working language: English</u></p>	<ul style="list-style-type: none"> - Jeremy Leggett, Carbon Tracker - Frank Elderson, DNB - Marcel Beukeboom, Climate Envoy, Ministry of Infrastructure and Environment - Kees van der Leun, Ecofys - Arjan de Draaier, KPMG - Moderator: Caroline van Leenders 	WestEnd Theater	Finance
	<p>Z4. Natural gas, earthquakes and social conflict</p> <p>It wasn't long ago that natural gas was the source of everything that was right. Prosperity and progress. By the time that Gerald Schotman was appointed as Director of NAM in 2014, this period was over. After three years, he is taking stock together with Jaap Smit, King's Commissioner for South Holland, who is also a minister and understands the pastoral feeling. As chairperson of the CNV he also knew about negotiating.</p>	<p><i>Gerald Schotman explains how he experienced this drama. And how his employees handle this now that they are often seen as pariahs in the Groningen region. The question is whether there still a future for the NAM, for natural gas, and for the affected area of Groningen.</i></p>	<ul style="list-style-type: none"> - Jaap Smit, King's Commissioner for South Holland - Gerald Schotman, Director of NAM 	leders Plak-Bostuin (In the event of poor weather: Boszaal)	Leadership

SATURDAY 23 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
11.15	<p>Z5. From energy intensive to energy efficient ISPT is the Institute for Sustainable Process Technology, to which some 100 companies are affiliated. Countless innovations for sustainable industry are conceived here including the phasing out of CO₂ and Resource Efficiency. Fascinating stuff, because the impact of sustainability in this sector is tremendous.</p>	<p><i>At the Betonningsterrein we got to know the entrepreneurs, inventors and technicians that realise this innovation in this energy-intensive industry. In the final Departure, the businesses present their case, followed by discussion. The audience will give its opinion via a poll.</i> Including lunch. This session lasts until 13.30.</p>	<p>For the innovations please visit www.springtij.nu/duurzame-industrie</p>	Doopsgezinde Kerk	Resources + Europe
	<p>Z6. New management for the circular economy It's easy to say: the new circular economy can only run with a different management model. That's why people think that there is no longer a place for a 'traditional' approach, in which large corporations and hierarchical relationships run the world. The answer is extensive and complex. We will discuss new forms of management.</p>	<p><i>Architect Thomas Rau will demonstrate the effects of a different cadastral thinking (Materials Cadaster: Madaster). Arnold Tukker will explain about the latest insights in management. With the participants we will investigate what is still needed and which opportunities and new incentives government and civil society can develop together.</i></p>	<ul style="list-style-type: none"> - Thomas Rau, Turntoo - Arnold Tukker, Leiden University/CML and TNO 	<p>Ieders Plak - Terrace</p> <p>(In the event of poor weather: Zeezaal)</p>	Resources/Circular Economy
	<p>Z7. Financial sector as game changer The financial sector can stimulate companies to handle natural capital with care. An international helping hand is in the making.</p>	<p><i>Dutch pioneers from the financial world explain their experiences with giving extra value to sustainable behaviour and outline what is needed to turn the financial sector into a game changer.</i> <i>Working language: English</i></p>	<ul style="list-style-type: none"> - Kristel Verhoeff, Actiam - Erik Been, Triodos - Mark Gough, Natural Capital Protocol 	<p>Seinpaalduin</p> <p>(In the event of poor weather: Wadhuus)</p>	Natural capital
	<p>Z8. How the North Sea formed us In his epic <i>The River Thames</i> Rudyard Kipling wrote: "When hundreds of miles to the East I went, and England was part of the Continent." The 'I' in this verse is the river. The wood that grew on the Doggersbank has always washed up on our shores. The North Sea is a source of life and energy. There are oil and gas platforms and wind farms. Biodiversity thrives under these structures. The future design of the North Sea is about new coasts, energy (islands), sources of protein and governance. And about the rise in sea levels. Chaos or future; that is the question.</p>	<p><i>The North Sea has been used by people for centuries. The 20th Century saw the creation of many new functions: raw material extraction and, recently, wind power. Fishermen view wind farms with suspicion. But now, biodiversity is protected by one and all. We will investigate how the North Sea can contribute to the climate objectives, while simultaneously respecting other interests.</i></p>	<ul style="list-style-type: none"> - Rene Peters, TNO - Pim Visser, VisNed 	Strandzeilvereniging	Water & Sea

SATURDAY 23 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
11.00	<p>Z9. System change for the SDGs</p> <p>Johan Rockström's SDG Wedding Cake is a model that demonstrates which system changes are needed to achieve Sustainable Development Goals (SDGs). The bottom of the Wedding Cake is the earth; the other layers represent products and services that each time depend on the layer below.</p>	<p><i>We will be combining our brainpower at Springtij. Speakers will give planet, people and profit suggestions for the Rockström SDG Wedding Cake model, but the wisdom comes from participants. We will examine which factors and actors are missing for us to achieve the SDGs.</i></p>	<ul style="list-style-type: none"> - Herman Mulder, SDG Charter Foundation - Coenraad Krijger, IUCN NL - Maria van der Heijden, Director CSR Netherlands 	<p>StayOkay - Speelduin</p> <p>(In the event of poor weather: Weekend Oog meeting room)</p>	SDGs
	 <p>Z10. The Energy and Climate jury</p> <p>In front of a jury of 20 prominent people, entrepreneurs, scientists, activists and politicians make a plea for their good cause. The objective: a 100% climate-friendly energy supply.</p>	<p><i>All pleas are different; each person chooses a different way. We heard 18 pleas during Springtij 2016 and at a Springtij-stopover held at SER in April 2017. This autumn the jury will present its final report, which we view as a building block for the next Energy and Climate Agreement.</i></p>	<p>For the pleaders and jury visit: www.springtij.nu/klimaatjury</p>	Spuiterij, Tonnenloods	Energy

GENERAL

TIME	WHAT	DESCRIPTION	SPEAKERS & MODERATORS	LOCATION	THEME
12.45	Move				
13.00	Galley	<p>Lunch with expedition</p> <p>During the lunch, take a walk along the six ISPT innovations, talk with the entrepreneurs and give your opinion in the Babelbox! You can also visit the ships, the Ecolution and the Halve Maen.</p>			
14.00	Move	To Departures			

SATURDAY 23 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
14.15	<p>Z11. Floods of change <u>Twelve years of force 10</u> When Jeroen de Haas was appointed as Chairperson of the Executive Board of Eneco, the storm started immediately. He piloted his ship through a period of great turbulence and transformed the company into a unique green pioneer. New shareholders are advancing. In discussion with Harm Edens.</p> <p><u>The shell in transformation</u> After almost 150 years of gradual transformation, from oil company to gas producer, you arrive in a whirlwind of changes, with increasingly faster and shorter transitions. When she was appointed as President/Director of Shell Nederland in early 2016, Marjan van Loon took stock of the future at Springtij in discussion with Wouter van Dieren.</p>	<p><i>Please note: session lasts until 15.00</i></p>	<ul style="list-style-type: none"> - Jeroen de Haas, Chairperson of the Executive Board Eneco Groep - Marjan van Loon, President/Director Shell Nederland - Theo Henrar, Chairperson of the Executive Board, Tata Steel Nederland - Marco Waas, Director RD&I & Technology AkzoNobel (ovb) 	<p>Ieders Plak-Bostuin</p> <p>(In the event of poor weather: Boszaal)</p>	
	<p>Z12. Fryslân as testing ground The province has huge ambitions, but is still searching for the egg of the Grote Pier (a variation on the egg of Columbus). It is a minor economic player that is experimenting with the big issues. Circulair Fryslân has been running as a programme for two years and will report about this at the congress on 5 October 2017 in Leeuwarden.</p>	<p><i>We will translate the outcomes of the four previous sessions into an operational perspective for Friesland. We will research which new initiatives can be created in this province through cooperation between government, companies and other stakeholders. This Departure is for participants who would like to make a contribution towards the circular economy in Friesland.</i></p>	<ul style="list-style-type: none"> - Alex van Oost, NICE - Sander de Rouwe, Fryslân Provincial Executive - Ingrid Zeegers, Circulair Fryslân - Tjeerd Hazenberg, Province of Fryslân - Gerard Roemers, Metabolic 	<p>Duinpan Dellewal</p> <p>(In the event of poor weather: Zeevaartschool)</p>	Resources/ Circular Economy
	<p>Z13. The financial world in the CO₂ emission-free economy In 1983 Hazel Henderson (US) devised the term <i>global casino</i> for the game that is known as the stock market. Hot money flourishes thanks to the internet, and is thus intangible. You could view capital as an atoll in the ocean, made from pieces of gold. The owner scans the horizon for pirates that will come to plunder his island. In the meantime, he hasn't noticed that his gold is melting and the atoll is submerging because of the rising sea levels. That's how things are going in the financial sector.</p>	<p><i>Twelve Dutch financial institutions have joined in the Platform Carbon Accounting Financials (PCAF) to give the sector a shake-up. They will state that: what other sectors do to reduce CO₂ emissions can and must happen in the financial sector too. They will demonstrate the latter using such things as the carbon footprinting methodology in practice. Interactive session for non-laypersons.</i></p>	<ul style="list-style-type: none"> - Piet Sprengers, ASN Bank - Dick de Waard, Groningen University - Jeroen Dijkstra, De Volksbank - Moderator: Ruud Koornstra, National Energy Commissioner 	<p>Wadhuus</p>	Finance

SATURDAY 23 SEPTEMBER

ON DECK

TIME	ATLAS	DEPARTURE	SPEAKERS & MODERATORS	LOCATION	THEME
14.15	<p>Z14. No drive year, 2050</p> <p>The mobility sector is pleading for fluidity and is agreeing coalitions with transporters and interest groups. Springtij will reflect back from 2050. The question is whether the currently so desired additional infrastructure can cope with the changing climate, frequent force 10s, torrential rain and heat-waves. We think that this back-casting will deliver very different scenarios than the road and rail lobby is currently proposing.</p>	<p><i>In this knowledge session we will turn the standard future thinking on its head. We'll be viewing the possible consequences of climate change on mobility as an incentive to develop scenarios for the sector. Weather woman Helga van Leur will give a weather forecast for the future and Rob van Dorland (KNMI) will show us weather scenarios for the coming decades.</i></p>	<ul style="list-style-type: none"> - Helga van Leur - Rob van Dorland, KNMI 	WestEnd Theater	Mobility & Transport
	<p>Z15. Inspiring innovation and sustainability</p> <p>Marieke is a spiritual trendwatcher and social counsellor. With subtle phrasing, she highlights an animated innovation within society.</p>	<p><i>In this Departure, Marieke Springtij inspires participants from the business community, government and social organisations to expand their existing professional knowledge.</i></p>	<ul style="list-style-type: none"> - Marieke de Vrij, de Vrije Mare 	StayOkay - Speelduin (In the event of poor weather: Weekend Oog meeting room)	Leadership
	<p>Z16. Climate and the Arctic, the journey to Spitsbergen</p> <p>At the invitation of Bernice Notenboom, polar explorer, 65 Dutch companies travelled on board three ships to Spitsbergen in spring 2017. There, they saw the ice crumbling away. They already knew that this was happening, but it is quite different when you see it with your own eyes. Once back they faced the challenge of putting a new slant on their powerlessness and feeling of responsibility. And of producing a report about this.</p>	<p><i>Nowhere is climate change as clear as in the Arctic. In this Departure, the polar travellers explain what they are doing with this knowledge. Participants will be given an operational perspective and vision and will be stimulated to contribute their own sustainable solutions for their organisation.</i></p>	<ul style="list-style-type: none"> - Bernice Notenboom, polar explorer and journalist - Niels van Geenhuizen, Arcadis - Nico van Dooren, Port of Rotterdam 	Doopsgezinde Kerk	Water & Sea
	<p>Z17. Morality and sustainability</p> <p>Mankind lives with and from nature. Every branch, tree, plant, sea, flora and fauna has its own meaning. Nature plays the main role in every step that we take, culturally or economically. Did you know that the sycamores on the Leidse Bosje are worth a million? The strange thing is: this nature is suffering continual loss. Natuurmonumenten (nature foundation) was established by the renowned Jac. P. Thijsse in 1908. The WWF followed in 1962, under the inspiring leadership of Sir Peter Scott. Nature has now been given an important supporting role: we can't do without it. But if it were up to some, we would continue to trade nature for short-term profits. Money. Profit. Spoils. Bank account. Nature + Culture, Nature + Economy, Nature + Health, this is all absolutely clear.</p>	<p><i>It is time that nature no longer plays a supporting role but is given a main role. Together with the WWF, we will search for a new relationship with nature and the earth. We want to redefine the role that 'nature' plays in our daily lives with themes such as safety, health, culture and economy. We are searching for the frameworks for change and connection. We will elaborate on these in 2017-2018 in follow-up meetings.</i></p>	<ul style="list-style-type: none"> - Klaas van Egmond, Utrecht University - Monique Grooten, WNF - Fernando Suarez Müller, University of Humanistic Studies 	Doodemanskisten (In the event of poor weather: De Kraak)	Leadership

SATURDAY 23 SEPTEMBER

GENERAL

TIME	WHAT	DESCRIPTION			
15.45	Move				
16.00	Galley	Coffee			
16.45	All hands at the Betonningsterrein	On the Radar It is the spring tide, and more. Sea levels are rising. Water is splashing on the gunwale. You can see the obstacles On the Radar. After 60 Springtij Departures we will hear what the radar has to tell us. Where the Energy and Climate jury, the Rainbow investments and innovations and the other navigations will berth.	Including: reports from the Energy and Climate jury, The Rainbow sessions, an impression of all themes and more.	Betonningsterrein	
around 18.00		Award of the Wubbo Ockels Brandaris Prijs and Wubbo Ockels Nova Zembla Prijs	- Joos Ockels - Jan Hendrik Ockels	Betonningsterrein	
18.30	Follek!	Captains dinner On Terschelling the doors are always open. You don't ring, you call "Follek!" Or: "I'm here!" Our final sustainable dinner is in the Tonnenloods.		Tonnenloods	
21.00	To the boat	Departure from the island, relocate to the harbour, collect luggage and to the boat			
21.30	Departure	The (Springtij)boat departs. Arrival in Harlingen at around 22.15 hours.			
22.00	On the move	Party on the island for the remainers			