

TOMORROW, TODAY

23–25
NOV 2021

CLAUDELANDS
HAMILTON

Tē tōia, tē haumatia.
*Nothing can be achieved
without a plan and way
of doing things.*

PRELIMINARY PROGRAMME

WasteMINZ
Conference
+ Expo

KEYNOTE SPEAKERS



HON DAVID PARKER

Minister for the Environment

TUESDAY 23 | 9.30-10.30

Hon David Parker is a Labour List MP, Attorney-General, Minister for the Environment, Minister for Oceans and Fisheries, Minister of Revenue, Associate Minister of Finance.

Prior to politics, David was a litigation and managing partner in law firm Anderson Lloyd and was a cofounder of the Dunedin Community Law Centre. David is an experienced CEO and company director and involved in a number of start-up businesses in the agri-biotechnology field including A2 Milk, and BLIS Technologies which he managed from start-up to the main board of the NZX.

He held various Ministerial portfolios in the Helen Clark Labour-led Government including Attorney-General, Energy, Climate Change, Transport, Land Information and State Services. In 2008 he was named by the Listener magazine as Environmentalist of the Year for his work as Minister of Energy and Climate Change. He pioneered New Zealand's emissions trading scheme, then described by many as the most significant environmental reform in NZ for decades.

After the 2020 election, David was reappointed Attorney-General, Minister for the Environment and Associate Minister of Finance, as well as being appointed as Minister for Oceans and Fisheries, and Minister of Revenue.

David pursues policies which both enhance economic growth and address the growing extremes between rich and poor in New Zealand, while protecting the environment.



JO HENDY

Climate Change Commission

How climate change policy will drive waste infrastructure in 2025 and beyond

TUESDAY 23 | 9.30-10.30

Jo Hendy led the Secretariat of the Interim Climate Change Committee and oversaw the Committee's inquiry into renewable electricity. In her former role as Director of Research and Analysis for the Parliamentary Commissioner for the Environment, she led independent environmental investigations into issues including sea-level rise and agricultural greenhouse gas emissions. Jo also spent seven years working for Motu Economic and Public Policy Research. She holds a BSc (Hons) in Mathematics, and a Graduate Diploma in Applied Science (Meteorology).



PETER WILSON

NZ Institute of Economic Research

Seven simple rules for helping save the planet, or at least our little part of it

TUESDAY 23 | 13.30-15.00

Peter Wilson is a principal economist with the New Zealand Institute of Economic Research in Auckland. He has spent nearly 40 years working as an economist in government, the private sector and now as a consultant. He sees his job as trying to make peoples' lives better.

KEYNOTE SPEAKERS



FRANCES VALINTINE

Tech Futures Lab

WEDNESDAY 24 | 9.00-10.30

Frances Valentine CNZM is dedicated to pushing Aotearoa ahead as a global leader in innovation to build a stronger, more resilient future for all New Zealanders. A leader in her own right as an innovator, emerging technologies futurist and disruptor of traditional education, Frances founded Tech Futures Lab in 2016 to foster the capabilities and skills needed to develop a culture of innovation and agility critical to NZ businesses and individuals to thrive in this fast-paced technological advancement era. Prior to this, in 2013 Frances founded The Mind Lab to empower students and educators to develop applied digital knowledge and capability.

With an eye always on future horizons, Frances has worked with and advised over 250 organisations across every sector in New Zealand - from agriculture to finance, retail to law and has gained a reputation as an expert in leading digital transformation initiatives that bring positive impact.

A Companion of the New Zealand Order of Merit for her lifetime contribution to education and technology (2018), Frances has received numerous awards recognising her passion and commitment to supporting the young and more mature to seek opportunities and reach their potential. In 2020 Frances received the Outstanding Contribution to Technology and Business at the CIO Awards. Driven by a strong sense of purpose to support positive growth for Aotearoa, Frances also sits on the boards of Watercare and Dilworth School Trust and is involved as a judge, mentor and director across numerous organisations.



ANGUS WHITE

Ministry for the Environment

Resource Management Reform - the big picture

WEDNESDAY 24 | 9.00-10.30

Angus has been a manager in the Resource Management Reform Programme at the Ministry since January 2020. He helped advise and support the RM Review Panel and is supporting the current reform programme.

Angus joined MfE from the Treasury where he worked in the commercial performance team advising on the global settlement between the Crown and Christchurch City Council post the 2010-II earthquake sequence and on the performance of, and Crown's ownership interest in, NZ Post, MetService, Ōtākaro, Quotable value, and Lotto.

In prior stints at the Treasury, Angus worked on economic strategy, infrastructure, and budget matters and spent almost three years in the Minister for State Owned Enterprises' office.

Angus was also a manager for three years at economic consulting company Castalia Advisors where he advised on infrastructure investment, competition and regulation, and policy matters.



SEAN SIMPSON

LanzaTech

There is no such thing as waste

THURSDAY 25 | 11.00-12.30

While renewable energy sources like wind, hydro and solar play an important part in reducing global carbon emissions, the world still - at this point - needs high-density transport fuels and materials, which require carbon. LanzaTech, which Dr Sean Simpson began in 2005, developed and commercialised a novel microbial technology to convert waste streams from industry, society and agriculture into fuel, that achieves a 75-90% greenhouse gas reduction compared to gasoline. The company has raised over US\$400 million in investment to develop this innovative technology, and has already opened a commercial plant in China. Alongside LanzaTech, Sean has supported numerous other New Zealand tech start-ups, including introducing Rocket Lab to their major investment funders, and personally investing in start-ups Avertana, and Dotteral, and technology incubator Level Two. Sean has over 20 publications and 200 patents to his name, and a host of awards, including the 2014 New Zealand Innovator of the Year Award, the 2015 US Environmental Protection Agency (EPA) Presidential Green Chemistry Award, the 2013 Kea NZ World Class New Zealander in Science Award, the 2013 Bio Spectrum Asia-Pacific Entrepreneur of the Year Award, and the 2011 NZBIO Young Biotechnologist of the Year.

PANEL DISCUSSIONS AT THE 2021 CONFERENCE

TUESDAY 23 11.00-12.30	New Zealand's Regulatory Review
TUESDAY 23 11.00-12.30	The future of contaminated land regulation in New Zealand
TUESDAY 23 13.30-15.00	Infrastructure investment and gap analysis - will this research take us where we need to go?
TUESDAY 23 13.30-15.00	CLM future best practice
WEDNESDAY 24 9.00-10.30	RM Reform: Implications for the waste, resource recovery plus CLM sectors and how should we respond
WEDNESDAY 24 11.00-12.30	How can different organic material processing technologies collaborate within a circular economy?
WEDNESDAY 24 11.00-12.30	Lessons learnt through the regulated product stewardship scheme design process
WEDNESDAY 24 11.00-12.30	What are the impacts of CLM on climate change and how do we reduce them?
WEDNESDAY 24 13.30-15.00	C&D: What happens to the solution of today, tomorrow?
WEDNESDAY 24 13.30-15.00	The intersection of CLM and Disposal to Land
WEDNESDAY 24 15.30-16.55	Will compliance, monitoring and enforcement go far enough to avoid perverse behaviour?
WEDNESDAY 24 15.30-16.55	Will the expanded Waste Disposal Levy influence remediation options?

DAY I MONDAY 22 NOVEMBER

TE ARA WHAKAHOUNGA: EMBRACING MAORI VIEWS FROM A CONTAMINATED LAND PERSPECTIVE

*Ko ahau te whenua, ko te whenua ko
ahau - I am the land, the land is me*

9.30-10.00	REGISTRATION HEAPHY I
10.00-10.30	WHAKANOA PARAMANAWA / MORNING TEA HEAPHY PRE-FUNCTION AREA
10.30-12.30	KEYNOTE Te Ao Maori concepts Māori connections to the land Te Tiriti o Waitangi
12.30-13.30	LUNCH HEAPHY
13.30-16.00	Engagement I01 - useful approaches and perspectives Engagement I02 - a local application MINI WORKSHOPS Case study I & 2 - co-designing contaminated land projects
16.00-16.15	PARAMANAWA / AFTERNOON TEA
16.15-16.45	Closing remarks
17.15	NETWORKING DRINKS BROOKLYN I+2

TERRITORIAL AUTHORITIES' OFFICERS FORUM

*Exclusively for WasteMINZ Territorial
Authorities' Officers Forum members*

11.00-12.00	REGISTRATION + MORNING TEA BROOKLYN I+2
12.00-13.30	Welcome and show and tell from TAOs MfE updates on reporting requirements plus Q&A
13.30-14.00	LUNCH
14.00-15.00	Collaborative fund and Love Food Hate Waste discussion Addressing Climate Change in WMMPs
15.00-15.30	AFTERNOON TEA
15.30-17.00	Pecha kucha Closing
17.15	NETWORKING DRINKS BROOKLYN I+2

DAY 2 TUESDAY 23 NOVEMBER

8.00-8.30	REGISTRATION		
	HEAPHY I, 2, 3		
8.30-9.00	MIHI WHAKATAU		
	This will be led by Taki and Ratau Turner of Ngāti Wairere, a hāpu of Waikato/Tainui, whose tūrangawaewae includes the area known as Papanui on which Claudelands now sits		
	WELCOME Wayne Plummer <i>WasteMINZ Chair</i>		
9.00-9.30	WELCOME REFRESHMENTS & REGISTRATION CONTINUE		
\\ SESSION ONE			
9.30-10.30	OPENING PLENARY		
	KEYNOTE Hon David Parker <i>Minister for the Environment</i>		
	KEYNOTE Jo Hendy <i>Climate Change Commission</i>		
	How climate change policy will drive waste infrastructure in 2025 and beyond		
10.30-11.00	MORNING TEA - EXPO HALL		
\\ SESSION TWO			
	HEAPHY I+2	HEAPHY 3	BROOKLYN I+2
	NEW ZEALAND'S REGULATORY REVIEW	BEHAVIOUR CHANGE AND COMMUNITY ENGAGEMENT	CLM: RM REFORM
11.00-12.30	Glenn Wigley & Nicola White <i>Ministry for the Environment</i> Consulting on the NZ Waste Strategy and legislation review	TAO Forum Working Group Launch of the final Rethinking Rubbish and Recycling campaign	Ministry for the Environment Update on the RM reform
	PANEL DISCUSSION	Andrea Leadbetter <i>TGM Creative</i> Strategies, tools and best practice to encourage behaviour change, and communicate effectively in a bilingual community	Isobel Stout <i>Christchurch City Council</i> Not waiting for tomorrow
			Tim Dee <i>CLM Steering Committee Chair</i> Sector Group Steering Committee Update
	WORKSHOP	Louise Lee <i>Open Polytechnic</i> & Gradon Diprose <i>Manaaki Whenua - Landcare Research</i> Transitioning away from single-use plastic packaging in food retail: case studies from Aotearoa New Zealand	PANEL DISCUSSION The future of contaminated land regulations in New Zealand
		Kate Meads <i>Waste Free with Kate & Co</i> Read the room: Delivering effective behaviour change	RM WORKSHOP
12.30-13.30	LUNCH - EXPO HALL		

DAY 2 TUESDAY 23 NOVEMBER

\\ SESSION THREE

	HEAPHY I+2	HEAPHY 3	BROOKLYN I+2
13.30-15.00	INFRASTRUCTURE INVESTMENT AND GAP ANALYSIS KEYNOTE Peter Wilson NZ Institute of Economic Research Seven simple rules for helping save the planet, or at least our little part of it Stephen Goodman Ministry for the Environment Waste infrastructure stocktake and investment funding	PACKAGING Hannah Blumhardt Takeaway Throwaways Reusable Packaging: back to the future Kim Renshaw The Packaging Forum Compostable Packaging: it's complex	CLM: NES:CS & CLMG NO. 1 + NO. 5 - NOW AND IN THE FUTURE Terre Nicholson HD Geo and Michelle Begbie Waikato Regional Council CLMG - Why does it matter? Martin Robertson Z Energy Prompt and pragmatic responses to contaminant releases James Conway Pattle Delamore Partners Geogenic arsenic and the importance of understanding your site PANEL DISCUSSION CLM future best practice
15.00-15.30	AFTERNOON TEA - EXPO HALL		

\\ SESSION FOUR

	HEAPHY I	HEAPHY 2	HEAPHY 3	BROOKLYN I+2
15.30-16.55	RECYCLING & RESOURCE RECOVERY Stephen Goodman Ministry for the Environment Standardising kerbside recycling update Greg Dearsly First 4 Safety Standardisation of Kerbside Collections Health and Safety Review Claire Jewell New Zealand Steel Andrew Shallard & Karin Speight Tonkin + Taylor Out of the landfill into the fire - a case study for recovery of iron bearing wastes from the New Zealand Steel landfill	CLIMATE CHANGE Sue Couatts Zero Waste Network The Nationwide Resource Recovery Network Ministry for the Environment Emissions reductions plan *subject to consultation timeframes	COLLABORATION & DIVERSITY Anna Ainsworth & Hannah Kelly Tonkin + Taylor Remote waste auditing Vivien Verheijen & Monisha Wylie-Kapoor Auckland Council Diversity and Inclusion: Engaging Ethnic Communities on Zero Waste Briar Wyatt Ministry for the Environment How to "waste" youth potential Larisa Thathiah EnviroNZ & Saeid Baroutian University of Auckland Shaping the future of our industry, together	CERTIFIED ENVIRONMENTAL PRACTITIONER: SITE CONTAMINATION SPECIALIST Martin Robertson Z Energy CEnvP Site Contamination Specialists - current issues Anna Lukey 4Sight Consulting Peer Review - how being a SQEP and understanding CSM is essential to the process PANEL DISCUSSION
16.55-17.00	SESSION CHAIRS	SESSION CHAIRS	SESSION CHAIRS	SESSION CHAIRS
17.00-17.30	WASTEMINZ AGM - HEAPHY 2 Current financial members are invited to attend the WasteMINZ Annual General Meeting.			
18.30-21.00	AWARDS FOR EXCELLENCE			

DAY 3 WEDNESDAY 24 NOVEMBER

8.30-9.00 **REGISTRATION**

HEAPHY 1, 2, 3

\\ SESSION ONE

9.00-10.30 **KEYNOTE** Frances Valentine *Tech Futures Lab*

KEYNOTE Angus White *Ministry for the Environment*
Resource Management Reform - the big picture

PANEL DISCUSSION

RM Reform: Implications for the waste, resource recovery plus CLM sectors and how should we respond

10.30-11.00 MORNING TEA - EXPO HALL

\\ SESSION TWO

	HEAPHY 1	HEAPHY 2	HEAPHY 3	BROOKLYN I+2
	TOMORROW'S DISPOSAL TO LAND	THE ROLE OF ORGANIC WASTE IN A LOW CARBON ECONOMY	PRODUCT STEWARDSHIP	CLM: CLIMATE CHANGE
11.00-12.30	<p>Jonathan Shamrock <i>Tonkin + Taylor</i></p> <p>The use of a geocomposite drain as a more sustainable alternative to compacted clay for landfill capping</p> <hr/> <p>Simonne Eldridge, Jonathan Shamrock & Luke Adams <i>Tonkin + Taylor</i></p> <p>The use of steep wall liners in landfills</p> <hr/> <p>Sze-Fei Peng <i>Tonkin + Taylor Australia</i></p> <p>Off-grid Landfills</p>	<p>The session is to consider the alternative methods for processing organic residues to extract value.</p> <p>KEYNOTE</p> <p>PANEL DISCUSSION</p> <p>How can different organic material processing technologies collaborate within a circular economy?</p>	<p>Annabelle Ellis <i>Ministry for the Environment</i></p> <p>Update on Regulated Product Stewardship</p> <hr/> <p>Alec McNeil <i>Marlborough District Council</i></p> <p>Product Stewardship: Linking waste back to primary production</p> <hr/> <p>Duncan Wilson <i>Eunomia</i></p> <p>What's the B.I.G. Idea?</p> <hr/> <p>Jeff Seadon <i>Auckland University of Technology</i></p> <p>Product Stewardship: Build Back Better in the Post-Covid Era</p> <p>PANEL DISCUSSION</p> <p>Lessons learnt through the regulated product stewardship scheme design process</p>	<p>Tristan Bellingham & Rod Lidgard <i>Pattle Delamore Partners</i></p> <p>Contaminated land management in a net zero economy</p> <hr/> <p>Samantha Iles <i>4Sight Consulting</i> & Michael Massey <i>Environment Canterbury</i></p> <p>Managing contaminated land in a changing climate</p> <hr/> <p>Michelle Begbie <i>Waikato Regional Council</i></p> <p>Relative risk assessment of historic coastal and riverine landfills for local government planning</p> <hr/> <p>PANEL DISCUSSION</p> <p>What are the impacts of CLM on climate change and how do we reduce them?</p>
12.30-13.30	LUNCH - EXPO HALL			

DAY 3 WEDNESDAY 24 NOVEMBER

\\ SESSION THREE

	HEAPHY 1	HEAPHY 2	HEAPHY 3	BROOKLYN I+2
13.30-15.00	H&S AND WELLBEING	C&D WASTE	CIRCULAR SYSTEMS APPROACH	DISPOSAL TO LAND & CLM: CLM IMPACTS ON LANDFILLS
	Guy Smith Waste Management New Zealand Waste Industry Road Safety Programme. Updates on Road Safety Campaign, CoPTTM & Worksafe Guide to Road and Roadside Workers	Joan Jolly & Alice Grace Morrison Low Building tomorrow's infrastructure with today's waste	Adele Rose 3R Group, Eva Collins & Tom Roa University of Waikato Āmiomio Aotearoa: A circular economy for the wellbeing of NZ	Chris Hillman Tonkin + Taylor Technical guidelines: Disposal of low level asbestos-contaminated soil to a landfill
	Suzanne Billsborough Lithium-ion Batteries Working Group Stage II - Lithium-ion batteries system development	Rohit Gade AUT Construction Waste Assessment: A residential case study	Valerie Bianchi Waikato Regional Council & Gina Lucci AgResearch Circular economy and local government	Lindsay Strachan Earthtech Changing Wastes and Changing Leachates: PFAS concentration implications on discharge options and planning for appropriate leachate treatment
	Ajith Fernando Reclaim 5th Discipline: Systems Thinking Approach to Driver Training	PANEL DISCUSSION C&D: What happens to the solutions of today, tomorrow?	Bernadette Casey Usefully Bending the line into a circle: Design and implementation of systems level change	Rod Lidgard Pattle Delamore Partners & Tim Dee Fulton Hogan Creating a circular economy for contaminated soil
			Vikas Ahuja Tetra Pak Is circularity, standardisation of kerbside collection and climate impact a game of whack-a-mole?	PANEL DISCUSSION The intersection of CLM and Disposal to Land
15.00-15.30	AFTERNOON TEA - EXPO HALL			

\\ SESSION FOUR

	HEAPHY 1	HEAPHY 2	HEAPHY 3	BROOKLYN I+2
15.30-16.55	WASTE DISPOSAL LEVY - CONSEQUENCES AND RESPONSE	PEOPLE ARE OUR GREATEST ASSETS	FOOD WASTE	CLM: SUSTAINABLE REMEDIATION - TODAY & INTO THE FUTURE
	Marie Doole & Stephanie Hill Ministry for the Environment Operationalising the Waste Disposal Levy expansion	Amanda Nicolle Ministry of Social Development Linking purpose led job seekers to green employment pathways	NZ Food Waste Champions 12.3 Food waste solutions from farm to fork	Leena Khong & Hamish Wilson Pattle Delamore Partners Digging into the local and regional challenges and strategies to maximise clean and managed fill reuse on redevelopment sites: a cost vs. benefits analysis
	PANEL DISCUSSION Will compliance, monitoring and enforcement go far enough to avoid perverse behaviour?	Kaarin Gaukrodger Connexis Insights from 10 years of Ultimit: Women in Infrastructure	Dawn Hutchesson AFRA Food rescue innovation	
	WORKSHOP How can we ensure the maximum behaviour change is delivered through the WDL expansion?	Cherie Logan & Corinne Taylor EnviroNZ I've Got Your Back	WasteMINZ Love Food Hate Waste (LFHW) campaign 2021	Torianne Brown & Hiram Garcia Tonkin + Taylor Achieving sustainable development and value engineering in large land remediation projects

DAY 3 WEDNESDAY 24 NOVEMBER

		PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION
		WORKSHOP The future of work – how to build a flexible workplace and flexible workforce		Will the expanded Waste Disposal Levy influence remediation options?
16.55-17.00	SESSION CHAIRS	SESSION CHAIRS	SESSION CHAIRS	SESSION CHAIRS
18.00-19.00	PRE-GALA DINNER DRINKS - EXPO HALL			
19.00-00.00	GALA DINNER - HEAPHY 1,2+3			

DAY 4 THURSDAY 25 NOVEMBER

8.30-9.00 **REGISTRATION**

HEAPHY 1

HEAPHY 2

BROOKLYN I+2

\\ SESSION ONE

PECHA KUCHA

ORGANIC MATERIALS

CLM: INNOVATIONS IN CLM

9.00-10.30

Vicki Burggraaf *AgResearch*

Dairy farm plastic waste: culprits and hurdles

Ella van Gool *University of Waikato*

Marine plastic pollution and how TAs, RAs, and waste operators can work together to reduce litter on the beaches

Brigitte Sistig *Repair*

Cafe New Zealand

Repair Cafe New Zealand

Kahurangi Carter *Para Kore*

Waiho i te toipoto, kau i te toiroa - Let us keep close together, not far apart

Charlotte Haycock *Woolworths NZ*

Voice of Planet - the tool kit to unlock a Better Tomorrow

Monique Russell *Tread Lightly & Betsy*

Kettle Hibiscus Coast Zero Waste

The Zero Waste Zero Carbon in Schools Programme

Kim Tabrum *Sustainability Trust*

Your Sustainable School Goes National

+ more to be announced

Alice Grace *Morrison Low*

Our organic revolution

Liam Prince *Zero Waste Network*

Unlocking the full potential of the organic waste toolkit

Michael Quintern *MyNoke*

1 million tonnes of organic waste vermicomposted in New Zealand.

From biosolids, food & food packaging waste to fertile soils

Kate Walmsley *Kaicycle*

A scalable model for community composting

Caitlin Holm *Waikato Regional Council*

Patterns of contamination around different types of sheep dips

Sami Hutchings *Tonkin + Taylor*

Wynard Edge Alliance: Powerful partnerships with mana whenua and stakeholders

Aaron Graham *4Sight Consulting*

Unexpected Company - Remediation of a former Colonial Arms Company dump site

James Corbett *Auckland Council* & Stephen Thomson *WSP*

Dead but not buried - will cemeteries have an enduring HAIL legacy?

10.30-11.00

MORNING TEA - HALL A

\\ SESSION TWO

HEAPHY 1, 2, 3

11.00-12.30

CLOSING PLENARY

KEYNOTE Sean Simpson *LanzaTech*

There is no such thing as waste

12.30-12.45

CLOSING REMARKS + ACKNOWLEDGEMENTS Wayne Plummer & Janine Brinsdon *WasteMINZ*

KARAKIA WHAKAMUTUNGA

12.45-14.00

FAREWELL LUNCH

REGISTRATION FEES

IN PERSON

Three day registration **23-25 November**
[includes awards function on Tuesday 23 and gala dinner on Wednesday 24]

One day - **Tuesday 23** November

One day - **Wednesday 24** November

One day - **Thursday 25** November

Gala dinner only - **Wednesday 24** November [incl. in three day registration]

Territorial Authorities' Officers Forum - **Monday 22** November

CLM Workshop - **Monday 22** November

CLM Workshop - **Monday 22** November [with any main conference registration]

SUPER SAVER register & pay before 22.09.21	EARLYBIRD register & pay before 08.11.21	LAST MINUTE registration from 09.11.21
1375	1645	1795
545	650	715
545	650	715
390	465	510
180	180	180
155	185	205
390	470	515
155	185	205

STREAMING

Three day registration **23-25 November**

Territorial Authorities' Officers Forum - **Monday 22** November

CLM Workshop - **Monday 22** November

CLM Workshop - **Monday 22** November [with any main conference registration]

SUPER SAVER register & pay before 22.09.21	EARLYBIRD register & pay before 08.11.21	LAST MINUTE registration from 09.11.21
995	1185	1295
110	135	145
280	340	370
110	135	145

PRICES EXCLUDE GST

The prices stated are available exclusively to WasteMINZ members.

Non-members may register by emailing cj@wasteminz.org.nz to discuss costs.

SPONSORSHIP ENQUIRIES

Elaine Patton, elaine@wasteminz.org.nz

EXHIBITOR ENQUIRIES

CJ Dooner, cj@wasteminz.org.nz

The final programme will be released 10 November 2021.

Speaker and session updates to this preliminary programme will be added to WasteMINZ's dedicated Conference 2021 website.

bit.ly/WM-conf21