At Innovate UK KTN our mission is to connect ideas, people and communities to respond to these challenges and drive positive change through innovation. Our diverse connections span business, government, funders, research and the third sector.

We source and create powerful connections with potential partners, ensuring that the benefits of your new ideas are felt locally as well as nationally and globally.

We shape the innovation communities of the future. We actively build communities around emerging innovations and sectors to prepare markets for the global opportunities and challenges ahead.

We have expertise across a whole range of skill sets and disciplines. Our people are experienced collaborators who are set up to understand your innovation project and connect you to our network of business, academics, funders and opportunities.

The UK Circular Plastics Network (UKCPN) aims to bring together the diverse users of plastic products and realise the best means for reducing plastic waste entering the environment through a programme of networking and knowledge-sharing events and related support activities.

The Network has created a coordinated, integrated and aligned community of stakeholders in order to share best practice, focused on unlocking the most critical, short term barriers to plastics circularity.

UKCPN facilitates the following: eliminating the volume of plastic waste arising from within the UK; raising awareness to improve the rate of UK plastic recycling; sharing best practice to reduce levels of confusion amongst citizens and highlighting user-centred design; showcasing innovation that is focused on reducing the amount of plastic ending up in the environment.

UKCPN is an activity supported by Innovate UK KTN & UK Research and Innovation, and is funded through the Smart Sustainable Plastic Packaging Challenge.

If you aren’t already, please sign up to become a member of our network via the UKCPN website.

FPS Ltd is a UK & African-based events and communications business with a ground-breaking vision for business-to-business and business-to-consumer media and event solutions.

The company boasts a wealth of experience in the events sector with involvement in exhibitions and conferences in industries such as pharmaceutical, medical, healthcare & manufacturing.

Specifically, Sustainable Plastics Live/GRIPS brings together recycling professional and plastic processors from across the UK for two days of networking, knowledge-sharing, and innovation.

Sustainable Plastics Live/GRIPS conference will provide the opportunity for recycling & waste management companies, plastic processors, material suppliers, and local authorities to meet leading suppliers offering a full range of plastics recycling machinery, recycling equipment, and suppliers of reclaimed plastics, and additive suppliers.
Day One:
Wednesday 10 May
Day One: Wednesday 10th May

09:30
OPENING PLENARY - The UK’s position within the world view of plastics; hosted by David Shukman, speaker, writer, consultant - BBC Chief Science Editor and environmental journalist.

The UK has been world-leading in sustainable innovation for plastics and is implementing legislation to make plastics more circular, but are we in danger of diverging from the world view or are we still leading the way?

Host: David Shukman, Science correspondent
Michael Shaver, University of Manchester
Libby Peake, Green Alliance
Margaret Bates, OPRL
Sally Beken, Innovate UK KTN

11:00 - BREAK

11:15
Plastics sustainability: myth busting and the human factor

This session will cover what UK academics, and other stakeholders, are discovering about what people really think, and do, with regards to their plastic packaging and the implications for policy and packaging design.

Co-chairs: Sara Banning, Innovate UK and Rachel Gray, WRAP

- Linda Hendry, Lancaster University
- Harriet Baird, University of Sheffield
- Linda Hendry, University of Lancaster
- Mark Miodownik, University College London
- Helen Holmes, University of Manchester
- Elliot Woolley, Loughborough University
- Kevin Vyse, ProAmPac

Smart Sustainable Plastics Packaging Theatre

Pushing the boundaries: game changing innovation, UKRI

From edible film to AI-powered sorting, and from large scale reuse and refill to the latest developments in chemical recycling, find out more about how UKRI's Smart Sustainable Plastic Packaging Challenge is driving innovation.

Chair: Paul Davidson, Smart Sustainable Plastics Packaging (SSPP)

- Stuart Chidley, Beauty Kitchen
- Margaret Bates, OPRL
- Pierre Paslier, Notpla
- Libby Peake, Green Alliance

Sustainable Plastics in healthcare

There is a drive for more sustainable use of plastics in the healthcare sector - from PPE, blister packs through to metered dose inhalers and to end of life waste treatment. This session will showcase some current innovations in this sector.

Chair: Matt Chapman, Innovate UK KTN

- Olivia Simpson, SymbioTex
- Dean Ezekiel, HelloFace
- Tom Dawson, Revolution-ZERO
- Richard Shaw, PD-M

12:25 - LUNCH
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:10</td>
<td><strong>Upcycling or Downcycling: which is better?</strong></td>
<td>Mike Moseley, Innovate UK KTN</td>
<td>Katherine Adams, ASPB, Rebecca Colley-Jones, WasteAid, Han Fang, Leeds University</td>
</tr>
<tr>
<td>14:20</td>
<td><strong>Films &amp; Flexibles: replace, recycle, reformulate</strong></td>
<td>Geraldine Mateu, Innovate UK</td>
<td>David Walsh, Impact Recycling, Rob Elias, Bangor University, Simon Waddington, Interface Polymers, James Ravenscroft, Xampla</td>
</tr>
<tr>
<td>14:35</td>
<td><strong>Microplastics detection and consequences for the environment, ecosystems and human health</strong></td>
<td>Alice Horton, National Oceanography Centre</td>
<td>Jeanette Rotchell, Hull University, Paul Walker, SOCOtec, Richard Lampitt, National Oceanography Centre, Joseph Levermore, Imperial College London</td>
</tr>
<tr>
<td>14:55</td>
<td><strong>The road to textiles sustainability</strong></td>
<td>Steve Morris, Innovate UK KTN</td>
<td>Martin Holicky, Matoha, Cyndi Rhoades, WornAgain, Caroline Hemingray, University of Leeds, John Twitchen, Stuff for Life</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>Tracking and tracing: the importance of data in making packaging more sustainable</strong></td>
<td>Gavin Lewis, Innovate UK</td>
<td>Josh Young, Pragmatic, Kimberley McCann, Reath, Isabelle Beltrao, RecycleEye</td>
</tr>
<tr>
<td></td>
<td><strong>Infrastructure and plastic material flow: the future</strong></td>
<td>Sally Beken, Innovate UK KTN</td>
<td>Steve Morgan, RECOUP, David Greenfield, SOENECS, Tony Ryan, University of Sheffield</td>
</tr>
</tbody>
</table>

**13:10**

**Upcycling or Downcycling: which is better?**

Product lifetimes and polymers differ between sectors. This session showcases some innovations in building products that utilise end of waste from packaging and considers what's best for second life polymers.

Chair: Mike Moseley, Innovate UK KTN

- Katherine Adams, ASPB
- Rebecca Colley-Jones, WasteAid
- Han Fang, Leeds University

**14:20** - **BREAK**

**14:35**

**Films & Flexibles: replace, recycle, reformulate**

Films and flexibles continue to be seen as a particular challenge in the drive to reduce plastic packaging waste and increase recycling. This session explores the cutting edge innovations that could change the future for this important packaging format.

Chair: Geraldine Mateu, Innovate UK

- David Walsh, Impact Recycling
- Rob Elias, Bangor University
- Simon Waddington, Interface Polymers
- James Ravenscroft, Xampla

**15:45** - **BREAK**
Day One: Wednesday 10 May

16:00

Measuring, Monitoring & Mitigating Fugitive Plastic

GRIPS 2023 revisits this important theme, showcasing some of the Research and Innovation for cross sector solutions, and companies with novel approaches to mitigating fugitive plastic.

Chair: Richard Cooper, Innovate UK KTN
- James Doherty, Plastic-i
- David Landsberg, LitterLotto
- Alex Dilnot-Smith, Ellipsis Earth
- Sophie Walker, Disposal

Food-grade recycling: the final frontier?

Demand for food-grade recycled plastic is growing but what needs to happen to meet this demand? This session looks at some of the latest breakthroughs in recycling and how regulatory and legislative frameworks can enable greater uptake.

Chair: Nick Cliffe, Innovate UK
- Ed Kosior, Nextek
- Paddy Duggan, WRAP
- Mark Roberts, Berry Global
- Fraser Graham, Novolex

Standards: what’s on the horizon?

What are the new standards that relate to sustainability of polymers?

Chair: Tony Ryan, University of Sheffield
- Rachael Rothman, University of Sheffield
- Joanna Griffiths, BSI
- Thomas Bennett, University of Manchester
- Tom McDonald, University of Manchester
Day Two:
Thursday 11th May
<table>
<thead>
<tr>
<th>09:30</th>
<th>Global Plastics Treaty - An update on the Internationally legally binding UN agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chair: Adam Read, Director of External Affairs, Suez</td>
</tr>
<tr>
<td></td>
<td>- Steve Fletcher, University of Portsmouth</td>
</tr>
<tr>
<td></td>
<td>- Ed Shepherd, Unilever</td>
</tr>
<tr>
<td></td>
<td>- Adam Read, Suez</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UKCPN Theatre</th>
<th>Smart Sustainable Plastics Packaging Theatre</th>
<th>UKCPN Open Theatre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fishing gear: polymers, pitfalls and potential solutions</td>
<td>Chemical Recycling: Making it real; making it work for the environment</td>
<td>Polymer processing towards Net Zero. Is it credible? Can we achieve it?</td>
</tr>
<tr>
<td>Scale, impact, interventions and innovations regarding end of life of fishing gear. Recycling, EPR &amp; biodegradable alternatives.</td>
<td>As innovation and investment in plastics-to-plastics chemical recycling ramps up, how can we ensure we use this technology where it is environmentally beneficial and then maximise the environmental benefit it can offer?</td>
<td>Whats the current carbon footprint of the polymer industry and what can we do to lower it?</td>
</tr>
<tr>
<td>Chair: Denise Goldsmith, Innovate UK KTN</td>
<td>Chair: Paul Davidson, Innovate UK</td>
<td>Chair: Neil Witten, Innovate UK</td>
</tr>
<tr>
<td>- Katie Powell, Resource Futures</td>
<td>- Paula Chin, WWF</td>
<td>- Johannes Hinterdorfer, Engel</td>
</tr>
<tr>
<td>- Holly Nel, CEFAS</td>
<td>- Geoff Mackey, Plastics Europe</td>
<td>- Dan Jarvis, Plastiribution</td>
</tr>
<tr>
<td>- Amanda Burton, Resource Futures</td>
<td>- Abi Mountain, Itero Technologies</td>
<td>- Robin Kent, Tangram</td>
</tr>
<tr>
<td>- Catherine Barrett, BIM (Bord Iascaigh Mhara - Ireland’s Seafood Development Agency)</td>
<td>- Stuart Coles, Warwick University</td>
<td>- Lara Steinhobel, British Plastics Federation</td>
</tr>
</tbody>
</table>

12:10 - LUNCH
Day Two: Thursday 11th May

13:00

**Design for Circularity**

Designing for end of life is paramount in all polymer processes, this session showcases tools, practices and examples of how to make a sustainably designed product.

**Chair:** Paul East, RECOUP

- Nicole Agba, Innovate UK KTN
- Ben Patten, Dizzie
- Hadi Ahmadzadeh, Ecodisco
- Sophie Walker, Disposal
- Brian Lodge, British Plastics Federation
- Luke Williams, IDC

14:10 - BREAK

14:25

**The Fast and Furious Session**

Fast-paced session of some of the great work happening in our academic institutions.

**Chair:** Amy Peace, Innovate UK

- Goran Stojanovski, UCL
- Nutcha Taneepanichkum, UCL
- Roya Ashayer-Soltani, QinetiQ
- Clare Mumford, University of Lancaster
- Rorie Parsons, University of Sheffield
- Natalia Wolfe, CPI
- Danielle Purkiss, UCL
- Ghadafi Razak, University of Lancaster
- Ayse Allison, UCL
- Meghann Matthews, University of Sheffield
- Jack Pickering, University of Sheffield
- Sarah Greenwood, University of Sheffield
- Amaya Gema Santos, UCL

14:00 - GRIPS Most Innovative Winner Announcement

14:25 - **Plastics: wrapping up your investment deal**

Chair: Emma Fadlon, Innovate UK KTN

- Shiemma Ahmed, Innovate UK KTN
- Justin Guest, AEI Finance
- Jason Teng, Potter Clarkson
- Shruti Iyengar, Future Planet
- Sophie Thomas, etsaW

**The role of compostability in achieving the UK Plastics Pact targets**

If the UK wholeheartedly embraced composting for garden, food and packaging waste what would we need to do?

**Chair:** Nick Cliffe, Innovate UK

- Mark Miodownik, University College London
- Jane Gilbert, Carbon Clarity
- Tomos Davies, Tipa
- Lucy Hughes, Marinatex
- Simon Girdlestone, Solinatra

**Delivering reusable and refillable packaging at scale**

Momentum is building to move reuse and refill into the mainstream. This session explores how collaborative 'whole system' thinking, large-scale trials and behavioural research are providing insights and evidence to build the business case.

**Chair:** Gavin Lewis, Innovate UK

- Rob Spencer, Unpackaged
- Katherine Fleet, RECOUP
- Stuart Chidley, Beauty Kitchen
- Jane Martin, City to Sea
- Anna Pitt, WRAP

**GRIPS Most Innovative and Investor Session**

This session will highlight GRIPS Most Innovative projects and talk with investors regarding their strategy in order for companies to attract sustainable investment.

The session will include the winner of GRIPS Most Innovative showcasing their idea. Expect to see presentations from many of the following organisations: Litterlotto, Cambond, Circular11, Gumipod, Flexsea, Disposal, Polytag, Marinatex, Pinweld, Roll Materials, Pitched For You, TrimTabs, Suscons, NuGreen, Top Up Truck, Packamamma, Dizzie and more.
Exhibitors

3DGBIRE
Advent 3D Ltd
Algreen
British Plastics Federation
Davis-Standard Ltd
ECUPS LIMITED
ENGE UK
FARUK International Ltd
FlexSea
GRAVUTEX ESCHMANN LTD
Great Central Plastics Ltd
GRIPS Most Innovative
HB Therm
Helloface
HI-TECH AUTOMATION LTD
Innovate UK KTN
Innovation Advantage Ltd
Innovation Centre for Applied Sustainable Technologies (iCAST)
Intouch Monitoring
KUKA Systems Ltd
Laser Lines Ltd
LitterLotto
LXD UK Ltd
M&I Materials Ltd
MAGOG
MarinaTex
MasterFlow UK Limited
Moulders Consulting Ltd

Oxford Indices
PCN
Pi Polymer Recycling Ltd
PLANTSEA
Plastech Solutions Ltd
Plastics Live
PlastikCity Ltd
Polymer Compounders Ltd
Potter Clarkson
PREA Ltd
PS Partners & Consultancy Ltd
Rapid Colour Services Limited
RECOUP
Responsible Plastic Management Program Ltd
ReVentas
Revolution Plastics
Ship Global Logistics
Sierra 57 Consult
Solinatra
Sustainable Materials Innovation Hub
SymbioTex
TEX Plastics
ThingTrax
Ulster Shredders
Unbound Energy
UPM CONVEYORS LTD
Uvox Ltd
Veribli
WasteAid
GRIPS 2023