

Plastics - Falling out of love with the wonder material?

Evening MP Engagement Lecture & Debate

Chair & Speaker Biographies

Stella Job (our Chair) is Supply Chain and Environment Manager at [Composites UK](#), the trade association for the UK composites industry. She is active in supporting supply chain development in composites through introductions, events, information and direct support to companies. She chairs the Composites Leadership Forum Sustainability Working Group and works to progress strategic environmental development, nationally and internationally, in areas such as recycling, bio-based materials and life cycle assessment. The Sustainability Working Group recently developed a [Vision and Roadmap for Sustainable Composites](#) to direct activity to 2040 and beyond.

Stella's consultancy work includes industry engagement for University materials science students (at Oxford and Loughborough) in the area of sustainable materials. Other recent activities include a good practice guide for fire performance of composites and developing the composite supply chain for space. She is an alumna of Oxford University (Engineering Science)

Stella has four children and enjoys making things including converting a campervan which includes a some recycled and bio-based materials, and leads a church youth group.

Dr Jeremy Woods, will give a talk about developing a sustainable bio-economy to deliver the 4 securities: food, energy, environment and social development. He will discuss our historic use of plastics and alternatives for the future.

Jem is a Reader in Sustainable Development at Imperial College London working on the interplay between development, land-use and the sustainable use of natural resources. In the lead-up to the 2015 Paris Climate Agreement, he coordinated the land/food/bioenergy and climate science components of the Global Calculator (www.globalcalculator.org) and led the development of the Financial Times COP21 Climate Calculator (<http://ig.ft.com/sites/climate-change-calculator/>). This work continues to be highly influential and in 2016 we started to develop a [European Calculator](#) for the European Commission aimed at supporting the European transition to a low carbon economy.

As a member of the Scientific Committee on Problems of the Environment's (SCOPE) Scientific Advisory Committee on its '[Bioenergy: bridging the gaps](#)' project he was lead author of the 'land and bioenergy' chapter and co-author on a cross-cutting issues chapter on 'Food Security'. The globalisation of food commodity markets is a major emerging concern for food security. The Belmont '[Food Security and Land Use: The Telecoupling Challenge](#)' project is identifying the emerging critical risks and opportunities. He has also participated in two Royal Society working groups and is a panel member of its Leverhulme and DfID Africa Research Capacity Building programmes.

Mr Tarquin Crouch, will present the case for a sustainable use of plastics through the application of modern technology and engineering.

Tarquin is responsible for marketing, product development and technical services for ImerPlast a division of Imerys the World's largest industrial minerals group. ImerPlast runs the UK's largest polyolefin packaging recycling unit and are based in Castelford Yorkshire. We return to the market what you threw away yesterday, selling to a variety of applications across packaging, automotive, horticulture, construction and household goods. He recently organised a visit for Defra and HM treasury to the site. Attended by 12 people, it provided some of the government's understanding of the industry and helped facilitate four separate consultation papers on plastics and packaging which have been recently issued

Imerplast is a member of the BPF (British Plastics Federation) on whose recycling committee Tarquin serves. They are also a member of PRE (Plastic Recyclers Europe) whose events he attends. Tarquin has already been a guest speaker this year at The European Coatings Show in Nuremberg, the ICIS World Polyolefins conference in Vienna and Plastteknik which took place in Malmo. He has a mechanical engineering degree from Portsmouth University and a masters in packaging technology from Brunel University. He has, since leaving the Army, worked in various roles in the plastics industry in both flexibles and rigids. He holds approx 12 patents covering labels and labelling, recycling and industrial uses of plastic films.