RSA
Fellowship

RSA Sustainability Network

Tweet: #RSAsustain

RSA
Fellowship

Susan Harris

Network Chair

@SueAtSRS

Tweet: #RSAsustain

Tonight's Agenda

RSA Fellowship

18:15	**Welcome + Introduction (Susan Harris, Network Chair)**
18:30	**Update on the Network & the RSA's sustainability activities (Mark Hall, RSA)**
18:45	**Sustainable manufacture & innovation (Clive Hall, Rushlight & London CleanTech Cluster)**
19:15	**Facilitated networking (Ana Carneiro)**
19:45	**Informal networking & drinks**
20:30	**Close**

Tweet: #RSAsustain

Update on the Network

RSA Fellowship

- Great progress since last event!
- Over 400 members
- Steering Group members leading on various aspects – thank you to volunteers!
- Sub-groups developing & beginning to bear fruit

Update on the Network

RSA Fellowship

Area leads:

- Internal Communications: David Wilcox
- External Communications & PR: Felicitas Ader
- Events Organising: Ana Carneiro
- Sub-groups: Richard Burnett-Hall and Robin Dickinson

A big thank you to these intrepid volunteers!!

Vision statement

The RSA Sustainability Network provides an opportunity for Fellows and others who work within, or have an interest in, the sustainability sphere to get together, share ideas and help the RSA take forward the sustainability agenda.

We are action-focused, providing opportunities for those from across the diverse sector to meet and network, and work together to take action on key areas of interest.

Operating principles

RSA Fellowship

Open – to all

Diverse – across sustainability

Action-oriented – not just talk!

Collaborative – don't reinvent the wheel!

Member-driven – get involved!

Accessible – where ever you are

Subgroups

RSA Fellowship

Action-oriented, task-&-finish, member-led

Subgroups

RSA Fellowship

1. **Consultations**
2. **Sustainable households**
3. **Sustainability hackathons**
4. **Pop-up sustainable department store**
5. **SDG deployment freespace (knowledge sharing)**
6. **Health and Wellbeing**
7. **Creativity & sustainability**
8. **Students & recent graduates**

Other ideas welcome!

Tweet: #RSAsustain

RSA
Fellowship

Clive Hall

Rushlight & London Cleantech Cluster

UK LONGER-LIFE ASSET MANUFACTURING

RSA SUSTAINABILITY NETWORK

23 MARCH 2017

CLIVE HALL

Tweet: #RSAsustain

Introduction

- Corporate career: Price Waterhouse, Albright & Wilson, PowerGen, LGC
- FRSA – 12 years
- Rushlight Events – 2006 [Rushlight Awards, Rushlight Show, Summer Showcase, Briefings]
- London Cleantech Cluster - 2012
- London Community Resource Network - 2013

Context

RSA Fellowship

Royal Society for the encouragement of Arts, Manufactures and Commerce

Charitable objectives:

"The encouragement of the Arts, Manufactures and Commerce .... by the advancement of education in and the encouragement and conduct of research into the sustainable context within which the said A,M & C may prosper and to make such research findings available to the public."

Context

RSA Change Aims

Current focus is on:

- Creative Learning & Development
- Economy, Enterprise & Manufacturing
- Public services and communities

Context

RSA Fellowship

Economy, Enterprise & Manufacturing

We bring together businesses, makers and entrepreneurs to understand and promote entrepreneurship, sustainable and innovative manufacturing and to create the next generation of socially responsible designers and enterprises.

Context

RSA Fellowship

To achieve this we focus on 3 objectives:

- Allowing all the freedom and resources to have creative working lives
- Encouraging an upsurge of creativity to enable a shift towards an economy where every element of every product is reused
- Providing access and the skills for all to use new digital fabrication technologies

Sustainability & the RSA

RSA Fellowship

Environmental projects

1770 Industry awards for reducing smoke emissions

1800s Eliminating the smoking house chimney

1950s Cities without smoke; pollution problems of detergents

2000 Environment Awards Forum: www.EnvironmentAwards.net and RSA Awards Accreditation

2006-08 Carbon Limited - a personal carbon allocation

2012-16 Great Recovery Project

2016 RSA Sustainability Network

UK: Present observations

- Excessive resource utilisation – one planet living
- Declining manufacturing base
- Brexit concerns for the finance sector
- Regional prosperity differences
- School leaver employability issues
- Import inflation concerns with weaker pound
- Community wellbeing?

Proposal

Could the RSA seek to:

- Encourage and support the UK design and manufacture of longer life, technologically upgradable, maintainable, end-of-life-dismantlable, quality assets which displace shorter life assets and consumables in the marketplace.
- Prepare a new repair and maintenance service sector

Products

- Quality, market-leading products
- Long life
- More expensive
- Rent, not buy (product as a service)
- Worth repairing and maintaining
- Capable of being shared in certain cases
- Return to manufacturer at end of life

Benefits

- Resource efficiency
- Creates a new repair and maintenance service sector
- Expands UK finance and insurance sector
- Investment in UK manufacturing centres
- Sharing/ collaborative economy makes new products accessible to more people
- Rental system makes manufacturers responsible for end-of-first-life resources
- New apprenticeships and jobs
- Lower product miles

Possible RSA Actions

RSA Fellowship

1. Respond to BEIS “Building Our Industrial Strategy” Green Paper (17 April)
2. Engage collaborators, supporters and partners to create momentum, buy-in and extended reach
3. Consider new “UK–Manufactured Quality” mark
4. Prizes, backed by corporate sponsors, to promote new product design or an Annual RSA Medal
5. Encourage Research Councils, the KTN and Innovate UK to fund new developments in advanced manufacturing in focused circular economy design
6. Become the catalyst for the development of the UK Long-Life Asset Manufacturing Sector
7. Prepare the potentially key participants in a new repair and maintenance service sector

Potential Collaborators

RSA Fellowship

- **Ellen MacArthur Foundation**
- **Innovate UK**
- **BEIS**
- **Banks, eg Lombard**
- **Association of British Insurers**
- **High Value Manufacturing Catapult**
- **All-Party Parliamentary Manufacturing Group**
- **All-Party Parliamentary Group for Skills & Employment**
- **BSI**
- **The Manufacturer magazine**
- **Reverse logistics**
- **Collaborative economy platforms**
- **Others**

A way forward?

RSA Fellowship

1. Receive thoughts and feedback from members
2. Scope a set of achievable, meaningful objectives
3. Set up a sub-group
4. Approach and recruit collaborators
5. Develop an action plan to test the objectives
6. Refine the plan to develop the final Programme

Thank you

RSA Fellowship

Questions?

Tweet: #RSAsustain

Interested?

RSA Fellowship

- Talk to Clive
- Potential to form a sub-group to take the idea further:
  - Set out the objectives
  - Set out a programme of work & identify outcomes

RSA
Fellowship

Interactive networking

Members' survey

- Tell us about what you'd like from the Network
- Coming soon!

Next event

- RSA Engage
- 5th June
- Register online now!

Tweet: #RSAsustain

RSA
Fellowship

Thank you