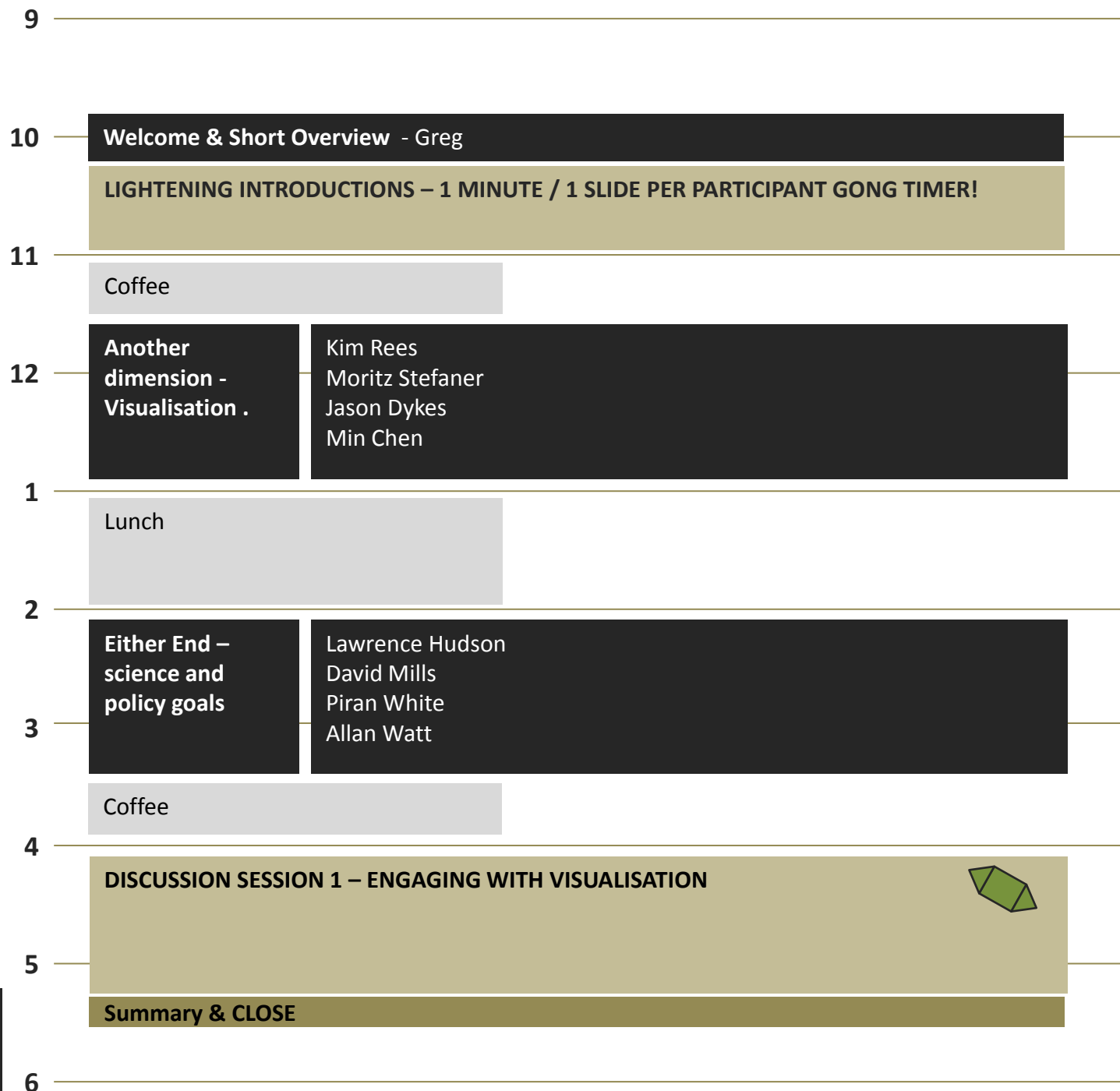


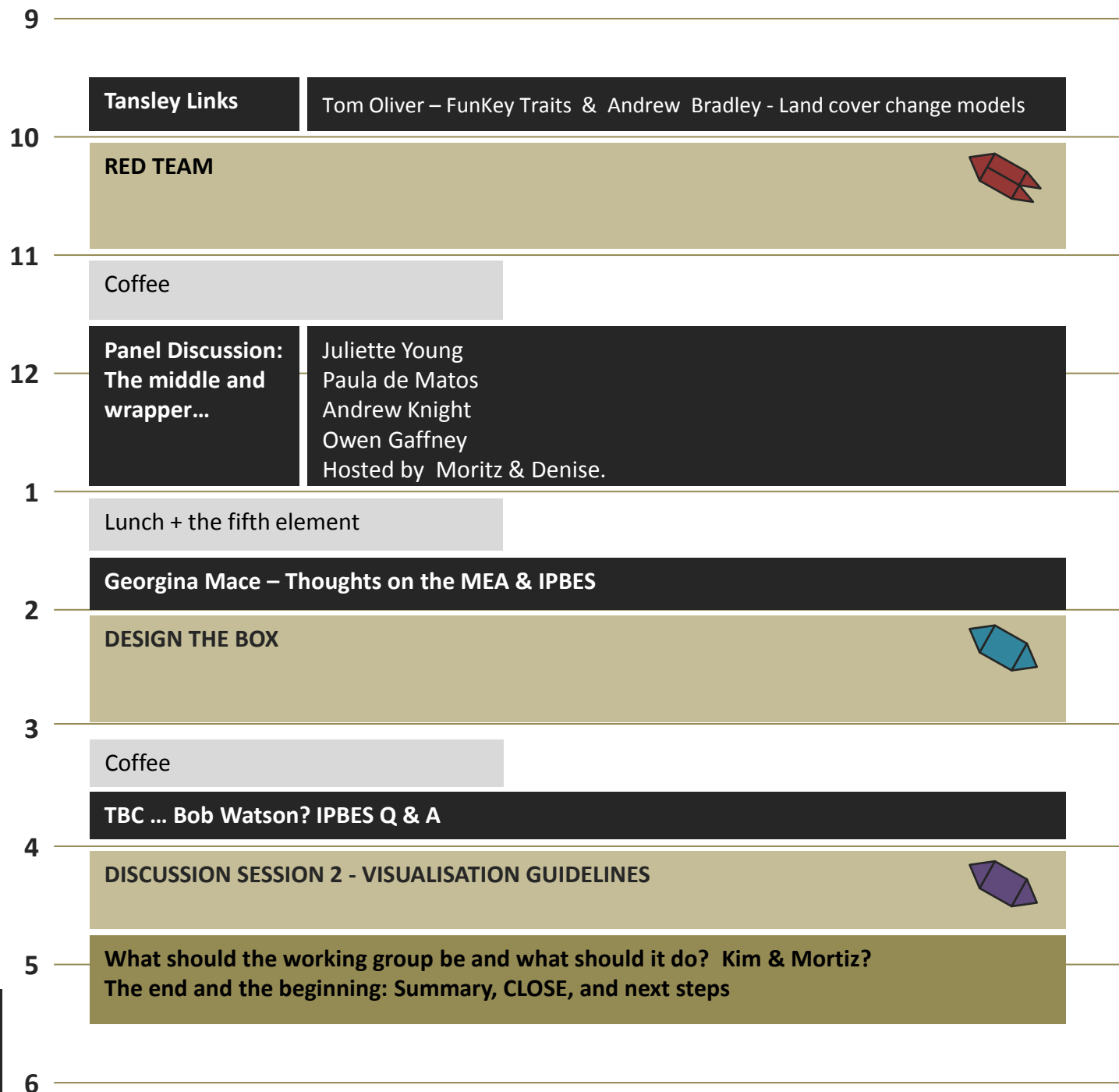
Day 1
25/11/13

Joining
things up
& filling
the gaps

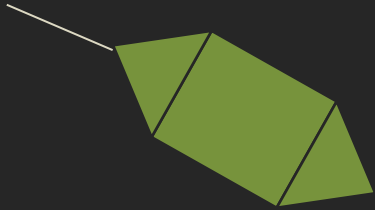


Day 2
26/11/13

Joining
things up
& filling
the gaps

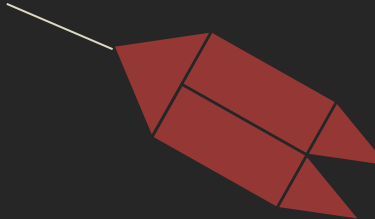


DISCUSSION SESSION



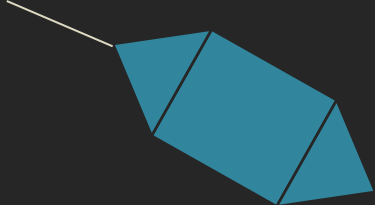
Requirements and strategies for engaging and collaborating with visualisation expertise.

RED TEAM



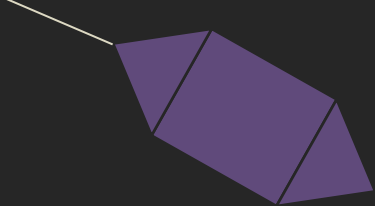
Statement on the state of existing visualisation products

DESIGN THE BOX



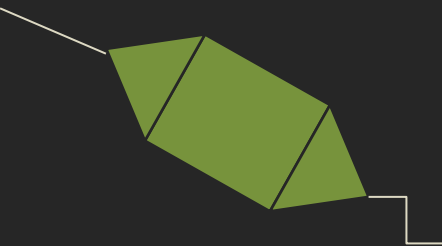
Essential features and opportunities for innovation

DISCUSSION SESSION 2



Scope and requirements for visualisation guidelines in scientific research and science-policy.

DISCUSSION SESSION 1



Requirements and strategies for engaging and collaborating with visualisation expertise.

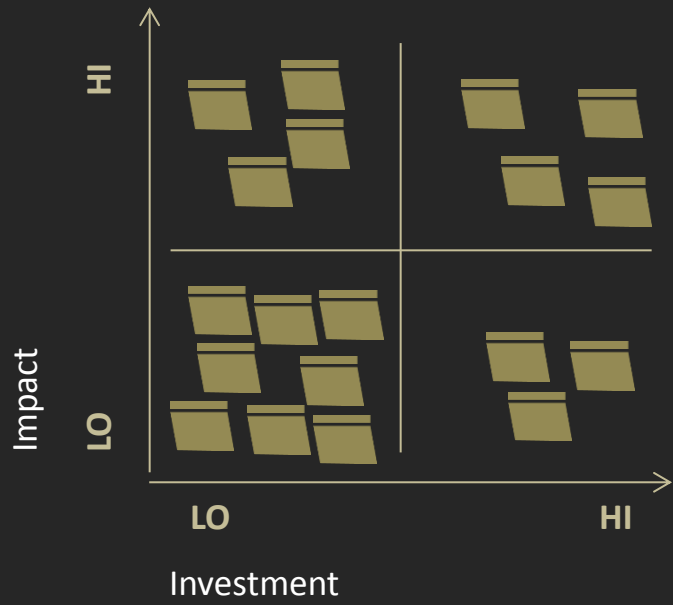
- | | | | |
|----------|----------|-----------|----------|
| <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> |
| Kim | Moritz | Jason | Min |
| Denise | Blanca | Owen | Jessie |
| David | Emiel | Julliette | Lawrence |
| Andrew | Nick | Drew | Robin |
| Tim | | Craig | |

Discussing ... how does visualisation X engage with Y

		X	
		practitioner	academic
Y	groups	Kim	Jason
	individuals	Moritz	Min

- What makes a bad collaboration?
- How do data visualizations happen?
- What are the good examples or collaborations?
- What goes wrong and when?
- What do I need to do/know to make it work?
- Who else is needed to help the process?
- If you have no experience, what are the barriers?

Write components and charecters of collaboration on post it notes and place on these axes....



RED TEAM



Red team - an independent group that challenges an organization to improve its effectiveness.

http://en.wikipedia.org/wiki/Red_team

- What is critical to a critical review of visualisations?
- Critically review policy visualisations and data outputs
- Sketch alternative /missing features

Needs this button ,link...

I want this data comparison, source...

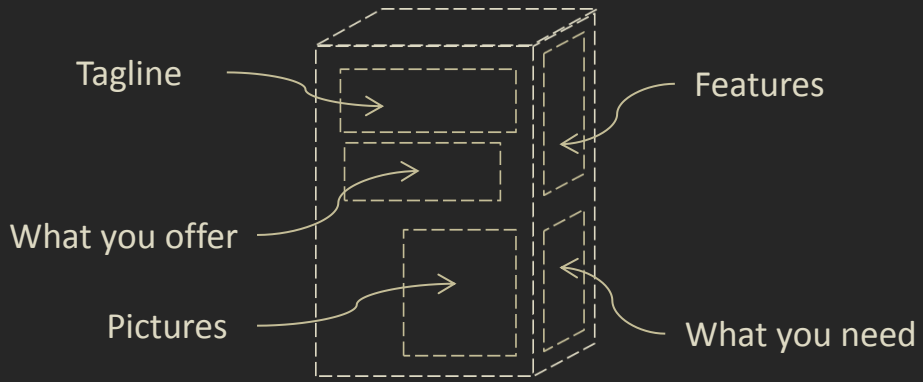
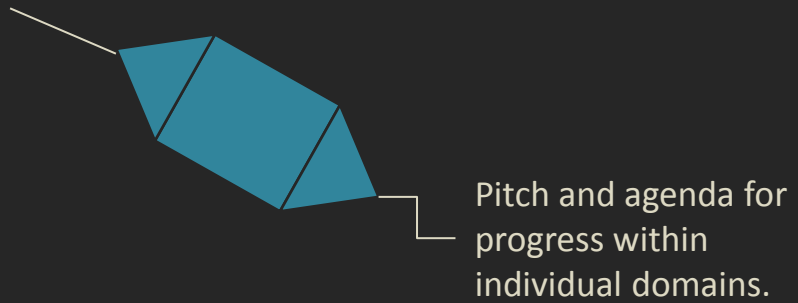
- E.g.
- Will a naïve user understand?
 - Scope explained?
 - Accuracy/uncertainty?
 - Features? Intuitive?
 - What do you want to do but can't?
 - Be strong in your criticism!
 - Form and Function

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Jessie	Min	Jason	Craig
Moritz	Blanca	Julliette	David
Denise	Emiel	Kim	Drew
Paula	Andrew	Lawrence	Robin
Tim	Nick		Owen

Strengths, Weaknesses, Opportunities, Threats?

- 1
IPCC data resources
<http://www.ipcc-data.org/maps/>
IPCC latest report
<http://www.ipcc.ch/report/ar5/wg1/#.Uk1gYqNwapo>
- 2
Global Carbon Atlas
<http://globalcarbonatlas.org/>
Millennium Ecosystem Report
<http://www.unep.org/maweb/en/index.aspx>
- 3
Global Forest Change
<http://earthenginepartners.appspot.com/science-2013-global-forest>
CI – extinction stop the clock
<http://www.conservation.org/act/pages/stoptheclock.aspx>
- 4
Breeding Birds Survey
<http://www.bto.org/volunteer-surveys/bbs/latest-results/maps-population-density-and-trends>
Scientific Papers
Planetary Boundaries paper

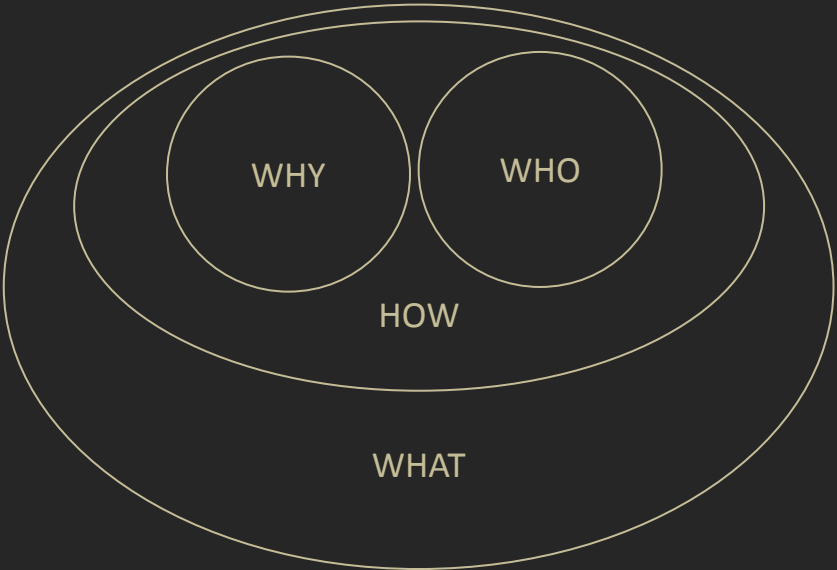
DESIGNING BOXES



Develop a box containing your pitch/manifesto for progress

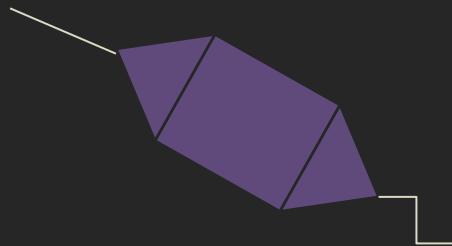
- <http://www.gogamestorm.com/?p=576>
- <http://www.designgames.com.au/design-the-box/>
- <http://innovationgames.com/product-box/>

- Key messages for reframing visualisation?
- And reframing science and science-policy?
- What can the working group offer?
- What does your community bring offer?
- How your community can be engaged?
- How you join up with others?
- Design that box!



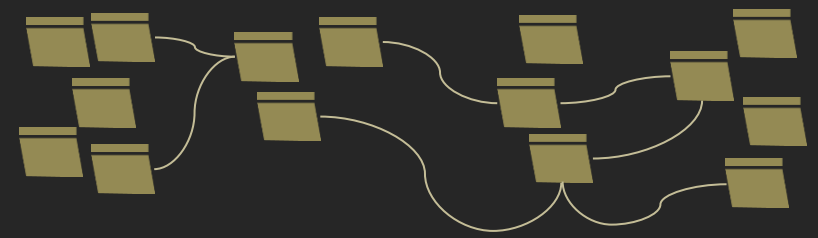
<u>Policy</u>	<u>Science</u>	<u>Visualisation</u>	<u>Design</u>
Julliette	Emiel	Jessie	Kim
Owen	Robin	Min	Moritz
Denise	Lawrence	Jason	Blanca
Andrew	Nick	Craig	Paula
David	Tim		Drew

DISCUSSION SESSION 2



Scope and requirements for visualisation guidelines in scientific research and science-policy.

components characteristics characters challenges



“Vis. guidelines and strategies for engaging vis. expertise”

- What should this include, what shouldn't it -
 - Best practice? Directory? Glossary? Examples?
- Creating and supporting 'good' visualisation
 - but for a distributed organisation!
- Dealing with uncommon currencies, diverse backgrounds
 - but in 1 document, or >1?
- Say a lot, or say little?
- Multiple goals – exposition, explanation, exploration...
- Co-design.

- Blacket review
- Mastranda
- How to work with policy
- How to work with academics
- Policy notes
- Reader notes

Split into individual domains first half.

<u>Policy</u>	<u>Science</u>	<u>Visualisation</u>	<u>Design</u>
Julliette	Emiel	Jessie	Kim
Owen	Robin	Min	Moritz
Denise	Lawrence	Jason	Blanca
Andrew	Nick	Craig	Paula
David	Tim		Drew

Multidisciplinary groups 2nd half.

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Jessie	Kim	David	Craig
Julliette	Emiel	Denise	Owen
Blanca	Andrew	Min	Jason
Lawrence	Tim	Moritz	Robin
	Nick	Drew	Paula