Settlers of Catan – Global Warming

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Play *Catan: Global Warming* at the EGU Games Night on **Wednesday 11th April** from **19:00 - 20:30** in **Room -2.91**.

Background

Global warming mitigation strategies require the support of non-scientists.

To do this, a meaningful two-way dialogue needs to be established.

Tabletop games can enable this dialogue by creating a safe 'magic circle'.

The game has to be **fun to play!**

1

Why *Catan*?

Availability/Popularity (*Spiel des Jahres* winner 1995).

Thematic fit (a resource management game about developing societies).

Audience (age 10+, 3-4 players).

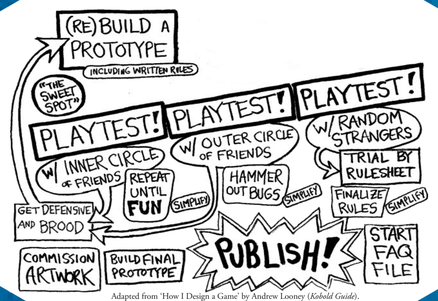
Minimal downtime, no player elimination.

Streamlined rules (complex, not complicated, gameplay).

Fair use policy.

2

Design



Adapted from 'How I Design a Game' by Andrew Looney (*Kobold Guide*).

3

Observations

'Blind' playtesting is essential.

Ask colleagues to peer review the accuracy of the science.

Ensure that your game is accessible to as many people as possible.

Include a 'How to Play' guide.

Include 'Design Notes'.

The game has to be **fun to make!**

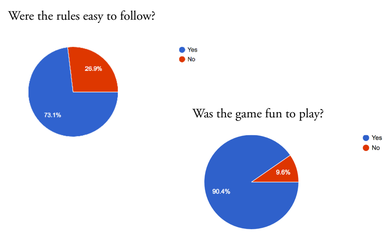
6

Playtest: Science

A word cloud of responses to the question 'What did the game teach you about global warming?'

5

Playtest: Game



Participant responses (n=52) to initial playtesting survey.

4

References

Assadourian, Erik and Ty Hansen, *Catan Scenarios: Oil Springs* (Stuttgart: Kosmos, 2011)

Chappin, Emile J.L. and Xanna Bijvoet, 'Teaching Sustainability to a Broad Audience Through an Entertainment Game – The Effect of *Catan: Oil Springs*', *Journal of Cleaner Production*, 156 (2017) 556-568

Selinker, Mike, ed., *The Kobold Guide to Board Game Design* (Kirkland, WA: Open Design, 2011)

Teuber, Klaus, *Catan* (Stuttgart: Kosmos, 1995)

Whitton, Nicola and Alex Moseley, eds, *Using Games to Enhance Learning and Teaching: A Beginner's Guide* (New York: Routledge, 2012)

Download Game Here

Please note that *Catan: Global Warming* is not an officially licensed or approved *Catan* product.