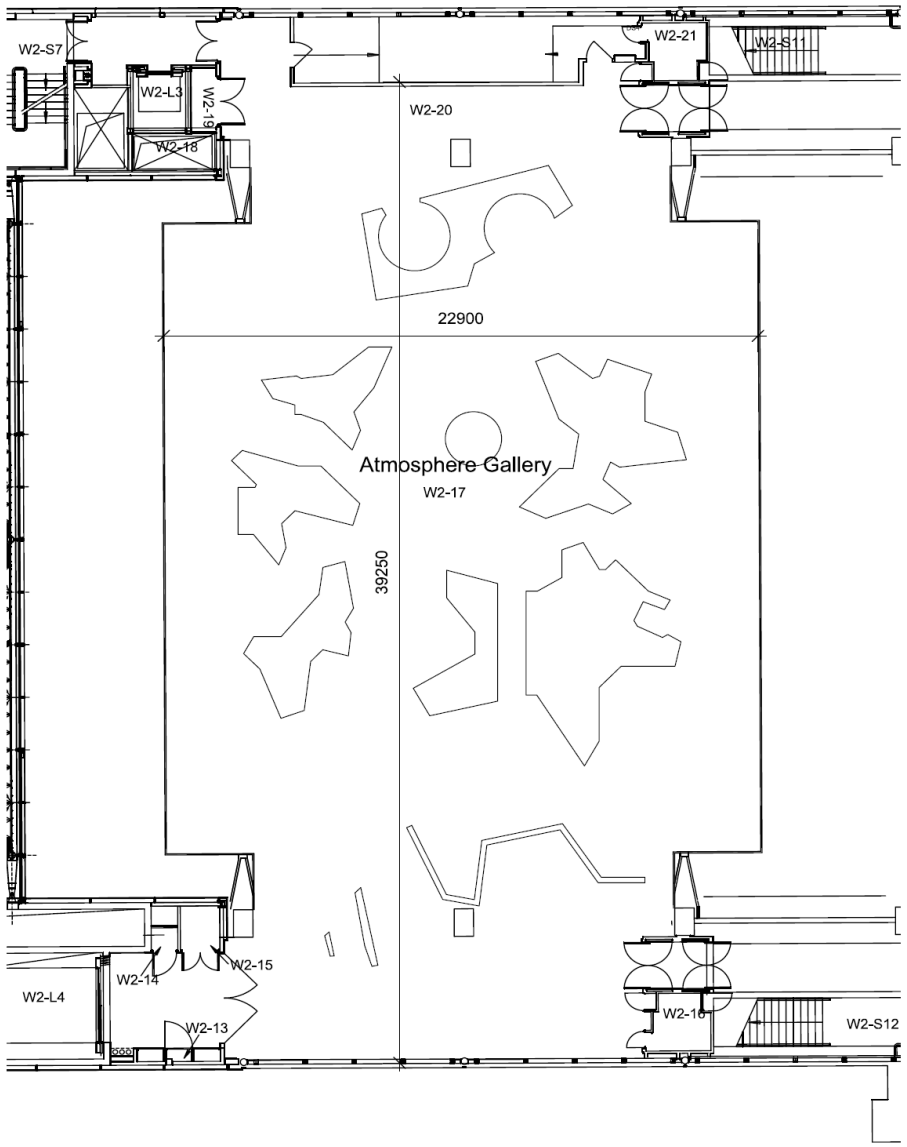
ENERGY REVOLUTION

GATEWAY 1 PRESENTATION
September 2021

SCIENCE MUSEUM

PROJECT INFORMATION

PROJECT OVERVIEW



SUSTAINABILITY

Energy Revolution provides an exciting opportunity to develop Masterplan sustainability practices.

We will consider sustainability in the content choices – loans, acquisitions and digital

We will engage an ambitious and experienced design team, and seek out the same in our contractors at the construction stage

There will be challenges in this approach: programme, budget, design, visitor expectations

A strategy will be developed in the coming months

CURATORIAL APPROACH

CONTENT OVERVIEW

… even at this late hour we still have a choice about our future, and therefore every action we take from this moment forward counts. … Future generations will most likely look back at this moment as the single most significant turning point for action.

Christiana Figueres and Tom Rivett-Carnac, *The Future We Choose*, 2020

KEY MESSAGES

- To limit dangerous climate change, we urgently need both to decarbonise our energy supply, and to reduce the amount of energy we use.
- We – everyone around the world – all have a part to play in shaping our energy future.
- Imagining the future is a powerful tool for generating knowledge, stimulating innovation, and informing our decisions about how we live.

TARGET AUDIENCES

85% ARE INTERESTED IN LEARNING HOW SCIENCE HAS CHANGED LIVES OF ORDINARY PEOPLE

84% BELIEVE ON THE WHOLE, SCIENCE WILL MAKE OUR LIVES BETTER

71% BELIEVE FINDING OUT ABOUT NEW SCIENTIFIC DEVELOPMENTS IS EASY THESE DAYS

68% BELIEVE WE ARE PUT ON EARTH FOR A PURPOSE

ENGAGED COMMUNITY DRIVERS

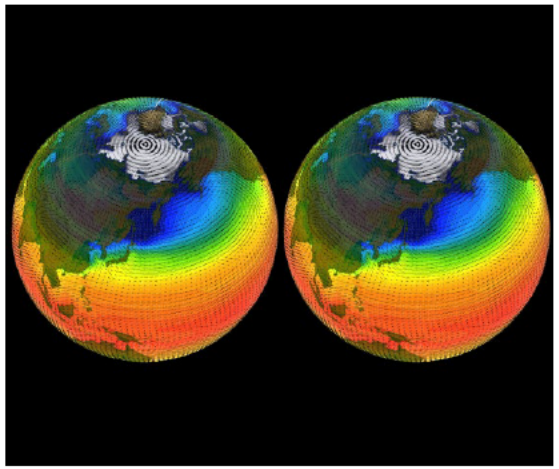
KEY STAGE 3 & 4 STUDENTS, GEOGRAPHY AND SCIENCE

YOUNG PEOPLE AGED 11-18

STRUCTURE

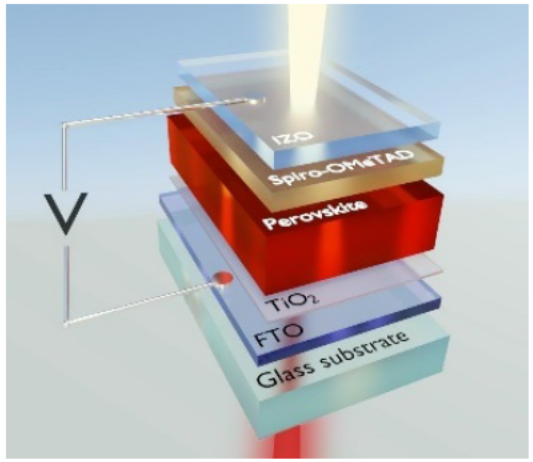
Alternative Futures

Throughout history, often predicated by moments of crisis or disruption, people have thought about how our energy system can or should be different.



Future planet

Showcasing the ongoing research and climate modelling which is crucial in assessing climate change impacts around the world and planning an energy transition pathway.



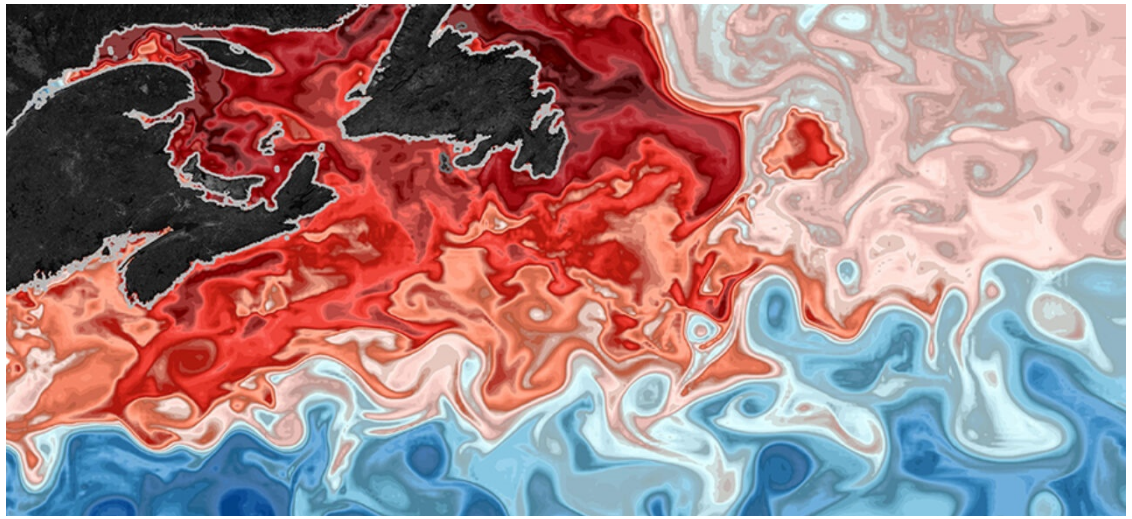
Future Energy & Power

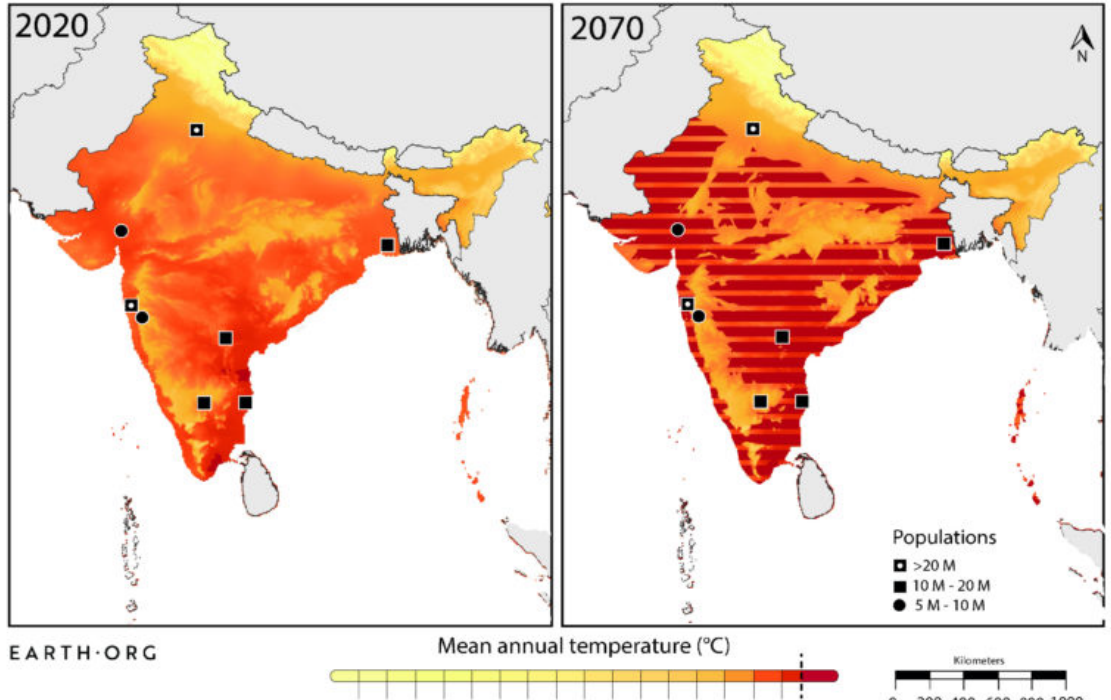
Decarbonising our society will require the smart use of existing tech and the rapid incubation of emerging and new technologies

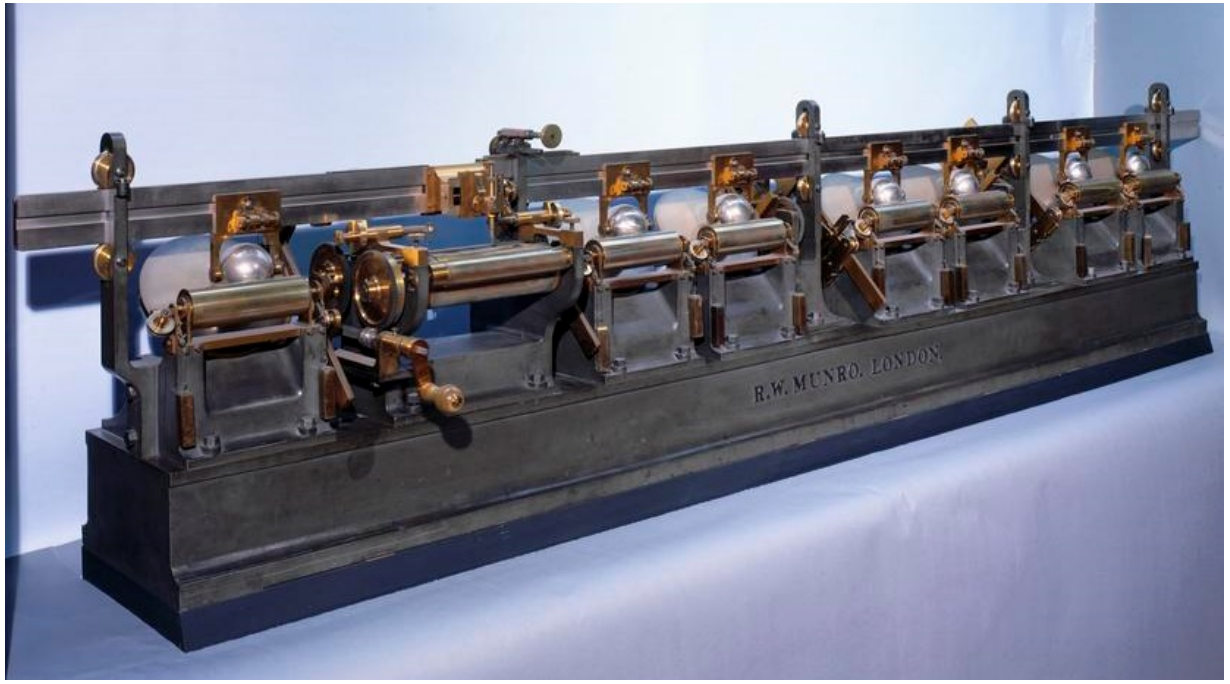
Future Living

How do current technology and future energy visions help drive change towards a Just Transition?
How will our buildings, communities and cities function in a decarbonised energy future?

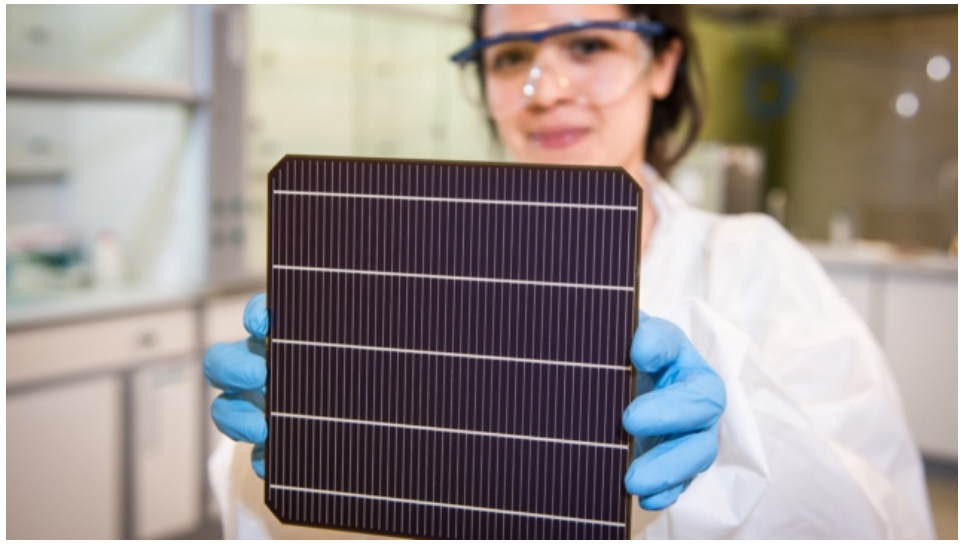
FUTURE PLANET







FUTURE ENERGY AND POWER



UPDATEABILITY

- Aim to concentrate content likely to need updating in specific areas
- As far as possible, ensure any interpretative elements *could* be updated if required

PROGRAMME, RISK AND COST

[redacted]

BUDGET

	TOTAL
Professional fees	[redacted]
Museum direct costs	[redacted]
Construction	[redacted]
Professional fees contingency	[redacted]
Museum direct costs contingency	[redacted]
Construction contingency	[redacted]
TOTAL	[redacted]

RISK & MITIGATION

Risk	Mitigation
Scope and budget not aligned	Early cost consultation at RIBA 0 working with Phase II programme for efficiencies; closely monitoring museum-wide ambition; early surveys to confirm Estates requirements are costed; allowance at RIBA 2 for a full cost review of the agreed scheme
Positive Impact of project is reduced by negative reactions to sponsor	Due diligence on funder undertaken; editorial control maintained; development of project Communications Plan at RIBA 1 to clarify SMG fundraising messaging with ongoing development through project lifecycle; communications training for project team.
This first Masterplan project in the Wellcome Wing identifies building issues that affect budget or programme	Early engagement with Estates and Exhibitions; early surveys; RIBA 2 design team review of building information with additional necessary surveys commissioned

[redacted]