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Who gets what, when, and how? An analysis of stakeholder interests and conflicts in and around Big Science

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Who Gets What, When, and How?
An Analysis of Stakeholder Interests and Conflicts
in and around Big Science

Anna-Lena Nicola Rüländ

Who Gets What, When, and How?
An Analysis of Stakeholder Interests and Conflicts
in and around Big Science

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“The union of the political and scientific estates is not like a partnership, but a marriage. It will not be improved if the two become like each other, but only if they respect each other’s quite different needs and purposes.”

Don K. Price (1965)

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List of Abbreviations

AfLS	The African Lightsource
CDR	Conceptual design report
CERN	The European Organization for Nuclear Research
CHF	Swiss franc
DG Connect	Directorate General Communications Networks, Content, and Technology
DST	South African Department for Science and Innovation
D4S	Diplomacy for science
EC	European Commission
EDA	Engineering design activities
ESS	The European Spallation Source
ESRF	The European Synchrotron Radiation Facility
EU	European Union
FET	Future and Emerging Technology
HBP	The Human Brain Project
HEP	High-energy physics
HGP	The Human Genome Project
IfA	Institute for astronomy
IGSO	Intergovernmental science organization
INSCONS	Addressing Global Challenges through International Scientific Consortia
IO	International organization
ITER	The International Thermonuclear Experimental Reactor
LHC	The Large Hadron Collider
LTWG	The Large Telescope Working Group
OECD	The Organization for Economic Co-operation and Development
POT	Political opportunity theory
REP	Renewable energy project
RMT	Resource mobilization theory
SAF	Strategic action field
SARAO	The South African Radio Astronomy Observatory

SD	Science diplomacy
SiD	Science in diplomacy
SKA	The Square Kilometer Array
SKAO	The SKA Observatory
S&T	Science and technology
S4D	Science for diplomacy
TIO	TMT International Observatory
TMT	Thirty Meter Telescope
UH	University of Hawai‘i
UK	The United Kingdom
USD	US dollar
URSI	The International Union of Radio Science
QCA	Qualitative comparative analysis

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