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Quantifying Needs for a University Research Repository System:
Carnegie Mellon's Approach to Prioritizing Capabilities and Including Stakeholders

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Building the library of the future

Embedded information specialists as partners
in research, teaching, and learning

Image: http://www.cclightingdesign.com/portfolio/architecture/hunt-library/

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Building the library of the future

Steward the evolving scholarly record, and champion new forms of scholarly communication.

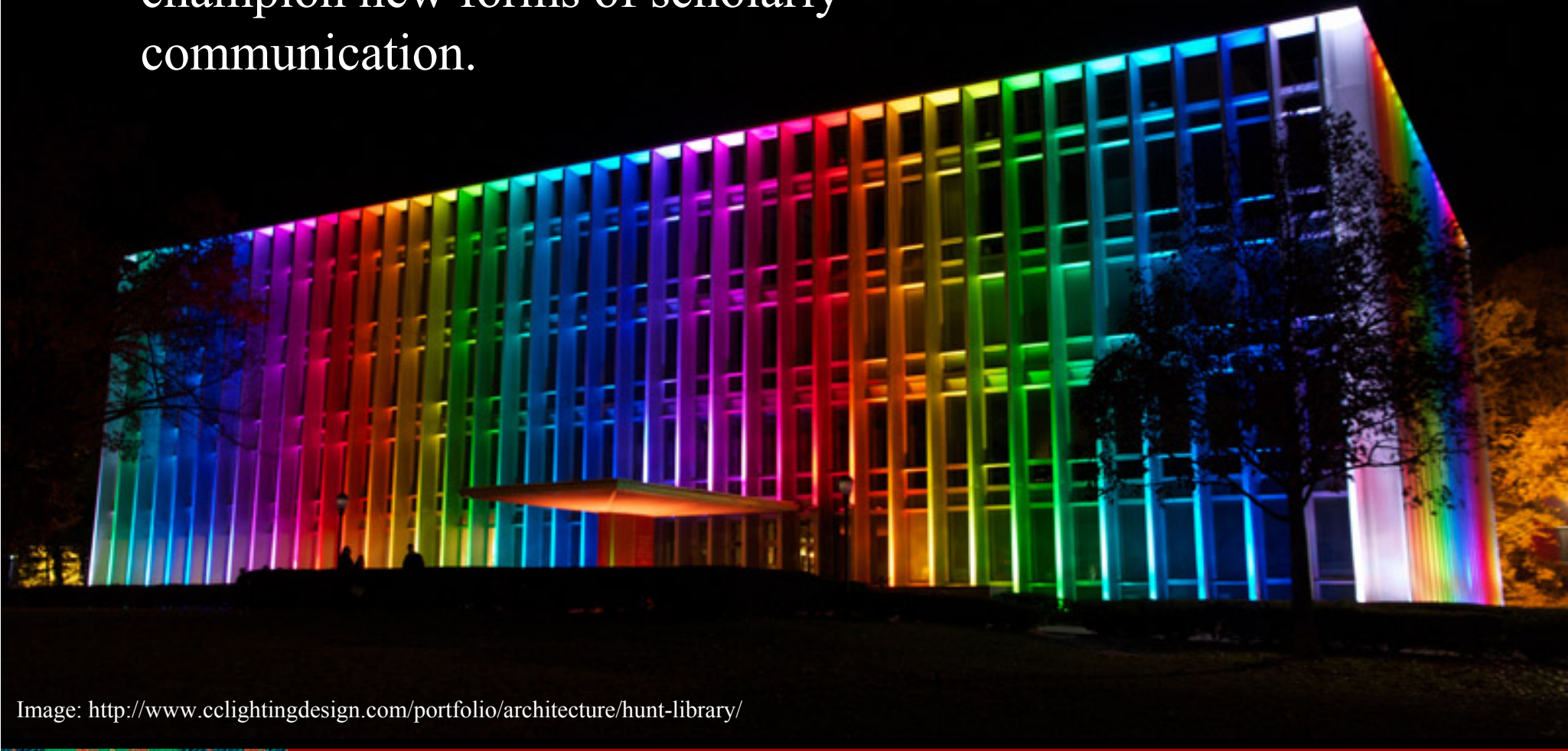Image: http://www.cclightingdesign.com/portfolio/architecture/hunt-library/

Building the library of the future

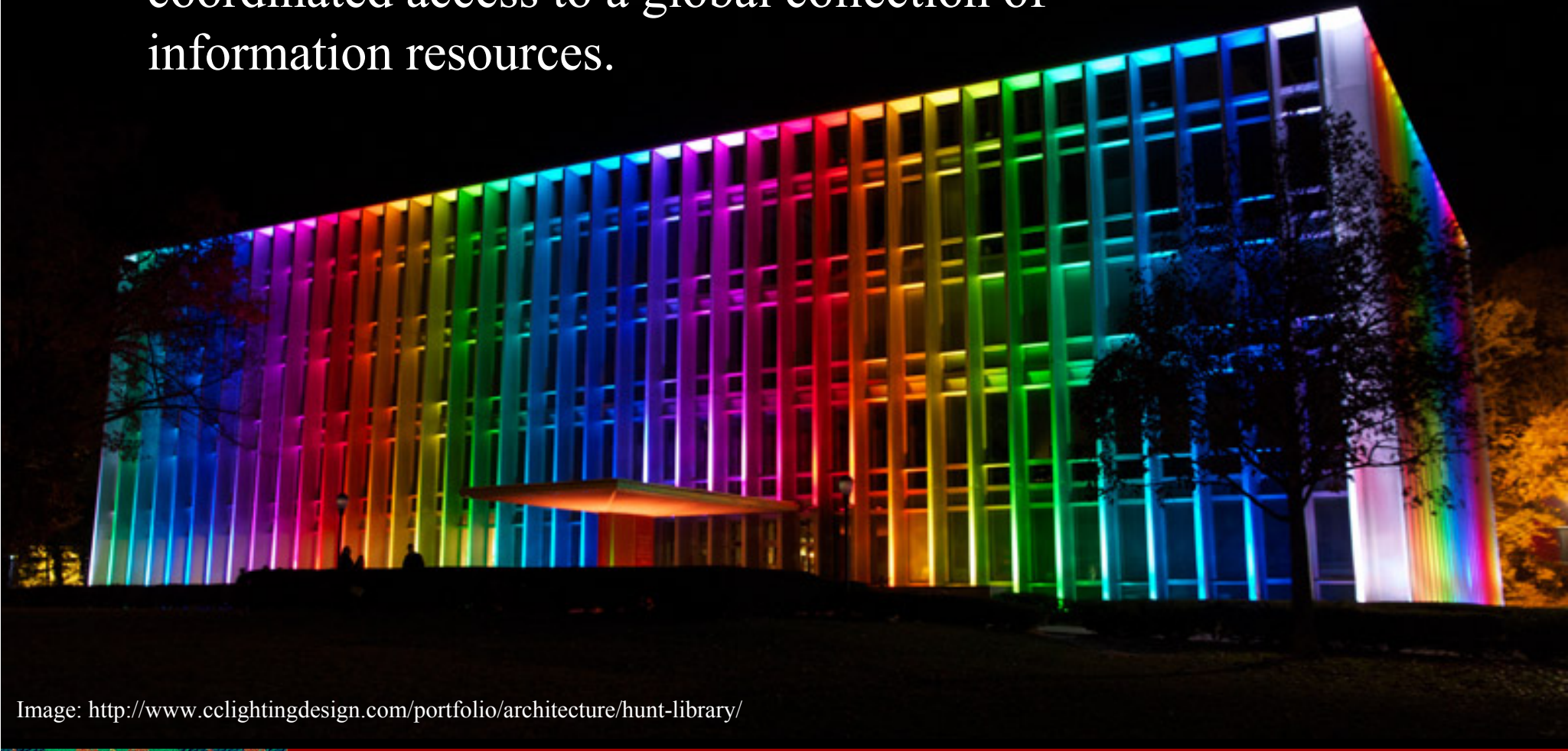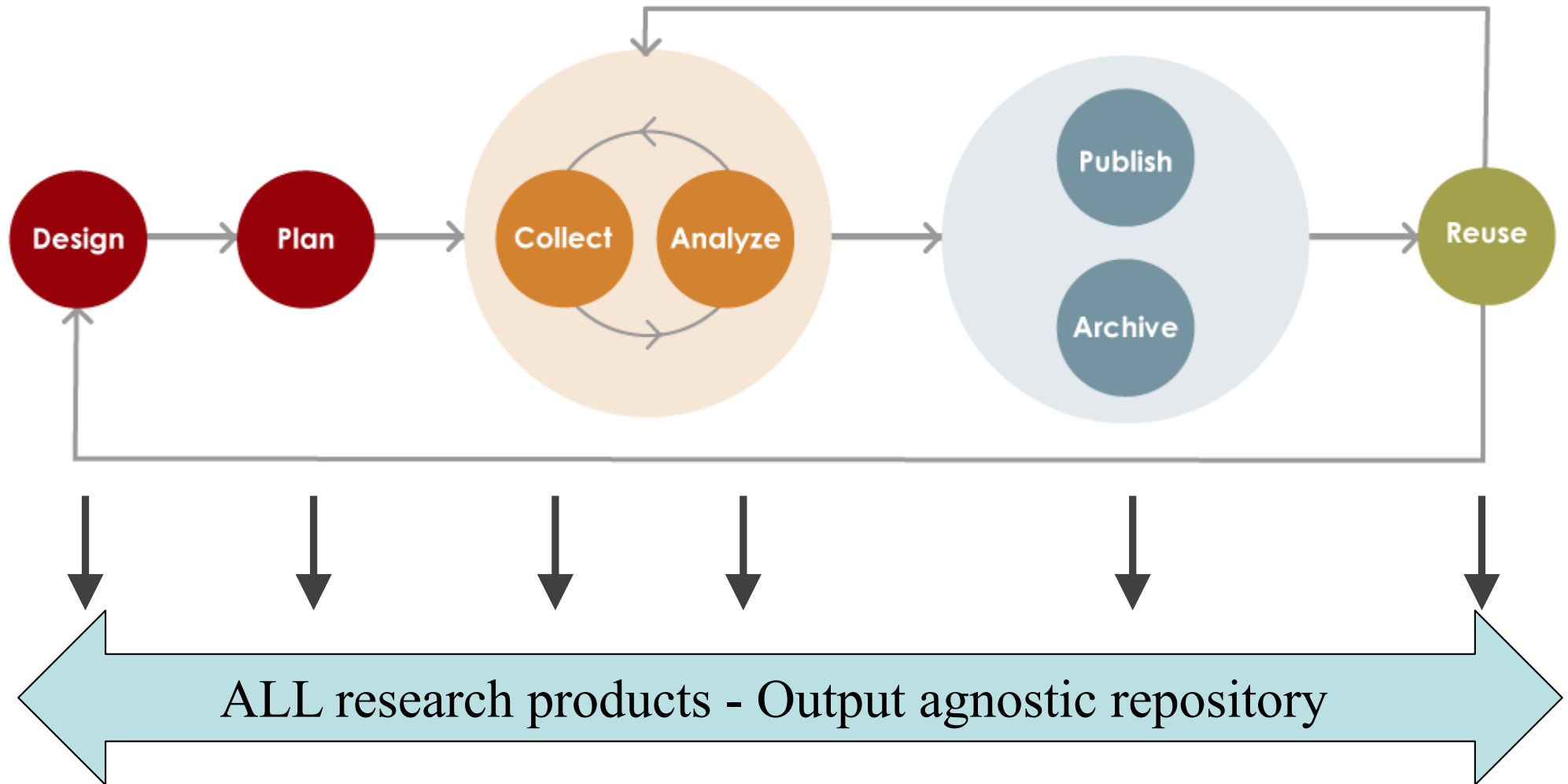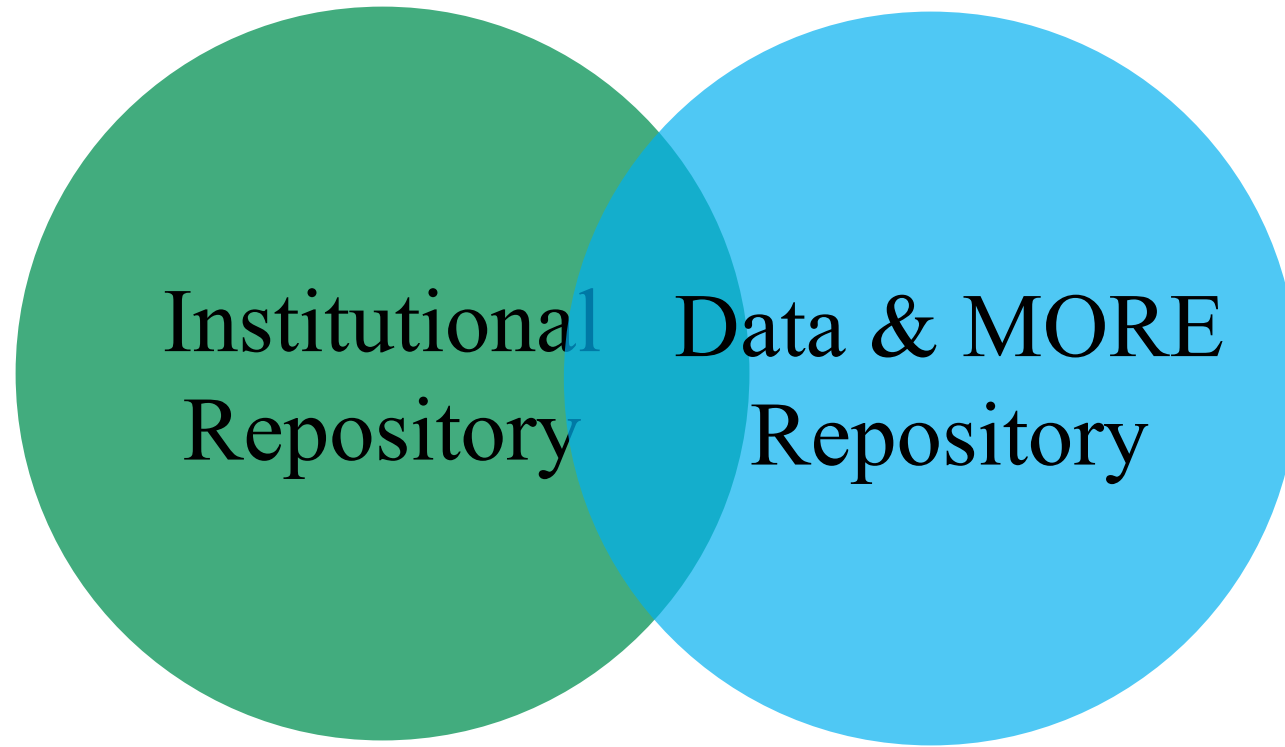Collaborate with peer institutions to provide coordinated access to a global collection of information resources.

Image: http://www.cclightingdesign.com/portfolio/architecture/hunt-library/

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Products of the full research life cycle

ALL research products - Output agnostic repository

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Papers vs Data?

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CRIS + IR's

Campus Research Information System

Institutional Repositories

Image: The Noun Project

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Digital Repository Task Force

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Shoulds, Musts (& Nice-to-haves)

Accept all research outputs

Single deposit, multiple collections

Curated showcase collections

Usage statistics   Impact metrics

Large files (up to 2GB)

Identifiers (DOI, ORCID, Grant ID)

Diverse file formats

Rights management and licensing options

Preview, download options

Embargo period

Community restrictions

Metadata only records

User access controls

Retention times and schedules

Collaborative ongoing research space

Integration with other researcher profile systems, with ELNs,
with Dropbox, Google Drive, etc.

Digital Science Partnership

SYMPLECTIC Elements → RESEARCH INFORMATION SYSTEM

figshare → DATA REPOSITORY

Dimensions → RESEARCH FUNDING

Altmetric → IMPACT

Integrated Research Support

Image: The Noun Project

THANK YOU!

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