FRAMING THE SUN

COHERENCE AT SCALE: BUILDING THE NEW E-ENVIRONMENT FOR PRESERVATION, CURATION, PUBLISHING, ACCESS, AND DISCOVERY

PASIG
Dublin, Ireland
2012
NEWGRANGE /SÍ AN BHRÚ
Newgrange

Passage grave in the Boyne Valley

The chambered mound of Newgrange with its cruciform tomb chamber is one of the most remarkable monuments of the kind in western Europe. The roof over the entrance is so constructed that the sun shines directly into the chamber at the winter solstice.
KEY WORDS

• Broadly collaborative
• Extraordinary example of social cooperation
• Communal good
• Anchor of the society (past/present; living/dead)
• Brought order and form to highly abstract and symbolic expression
• From the chief source of energy knowledge was corroborated: world order confirmed by a stone frame
5,000 YEARS LATER
COLLABORATION AT A NEW SCALE
A Good Quote

On the new collaboration: “[It] means something far more demanding than the cooperative endeavors relied on in the past. It means the development of a common new mission and goals, new organizational structures, more comprehensive planning, additional levels of communication, new kinds of authority structures with dispersed leadership, and shared and mutual control. To transform into more open collaborative organizations, knowledge commons will need new organizational frameworks, with serious commitments by administrators and their parent organizations. In addition, they must broker new relationships, entrepreneurial activities, and communication structures”

COLLABORATION ACROSS DISCIPLINES
DIGGING INTO DATA
PROMISING PROJECTS AND EXAMPLES

HATHI TRUST
DIGITAL PRESERVATION NETWORK (DPN—DEEPEN)
LINKED OPEN DATA
SEMANTIC WEB

- British Library
- BnF
- National Libraries
- Stanford Libraries
- Nature
NEW DATA CURATION PROFESSION
ANVIL

• CLIR/NITLE
• New publishing model
• Catalyst, not a press
• New forms of scholarship
COMMITTEE ON COHERENCE AT SCALE

- Vanderbilt University
- Stanford University
- University of Michigan
- University of Virginia
- University of Richmond
- Hamilton College
- University of Oklahoma
- CLIR, NITLE, ARL, EDUCAUSE, CRL
AREAS OF RESPONSIBILITY

- Research (technical specs, platforms)
- Modeling (integration of projects)
- Governance
- Benefits and Transformative Aspects
- Sustainability
- Promulgation
MACRO SOLUTIONS

• To develop methods, guidelines, and recommendations that would allow academic leaders to instantiate sustainable communities of practice that would in concert produce a new, more logical and rational system of higher education.

• The inherited norms, customs, traditions, and institutions that have structured research and teaching now need to be constructively challenged, redefined, and subsequently reassembled to encourage a fluorescence of activity among universities and colleges focused on repositioning, consolidation, and convergence.
THE GOAL

To reconceptualize the traditional model of competing, standalone institutions into a coherent system of higher education that preserves the identity and independence of universities and colleges but brings together many of the functions and support services that undergird scholarship and teaching in ways that are more effective, efficient, and elegant.
KEYWORDS

- Broadly collaborative
- Extraordinary example of social cooperation
- Communal good
- Brings order and form to highly abstract and symbolic expression
- From a chief source of energy knowledge is created