

BIG HISTORY PROJECT CHRONOZOOM

Visualizing 13.7 Billion Years
Big History Project (BHP)
Cosmos Earth Life Prehistory Humanity

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CHALLENGE

- ▶ How can instructors visualize 13.7 billion years of history on one canvas?
- ▶ How can students make sense of large time scales and relationships between historic events and themes, scientific concepts and human history?

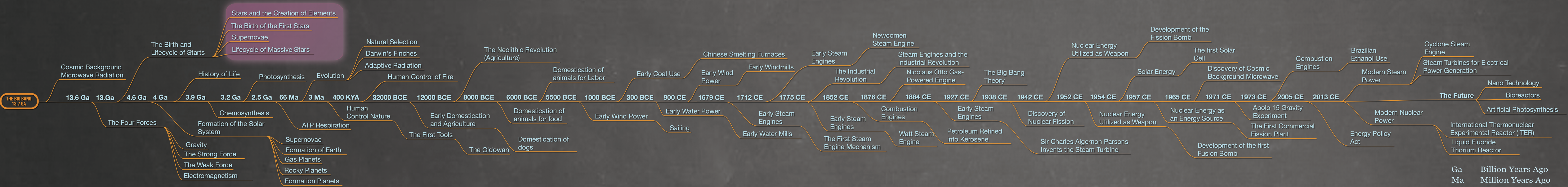
PROJECT DESCRIPTION

- ▶ Develop 10 ChronoZoom activities aligned to 10 Big History Project units (www.bighistoryproject.com) spanning 2 conceptual areas : Energy and Climate
- ▶ Utilize ChronoZoom Energy and Climate Timelines to gain insight via evaluation on how ChronoZoom might best be used in the classroom

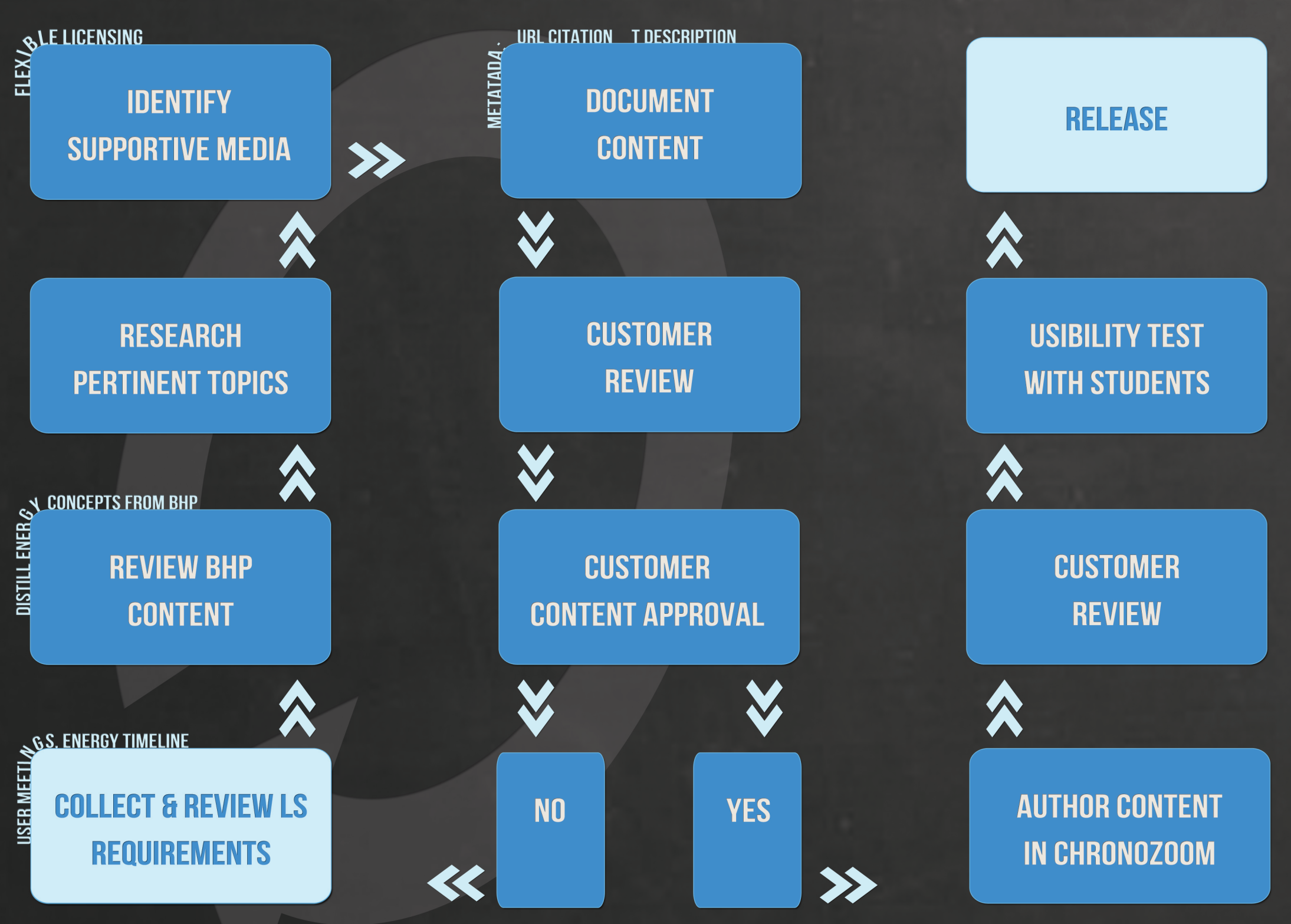
IMPACT

- ▶ Create opportunity for students to directly interact with Big History content in an engaging manner which supports Big History learning outcomes
- ▶ Broaden student understanding of large time scales and relationships between cosmological events, scientific concepts and human history
- ▶ Provide firsthand feedback to ChronoZoom stakeholders to improve functionality and usability in a classroom setting

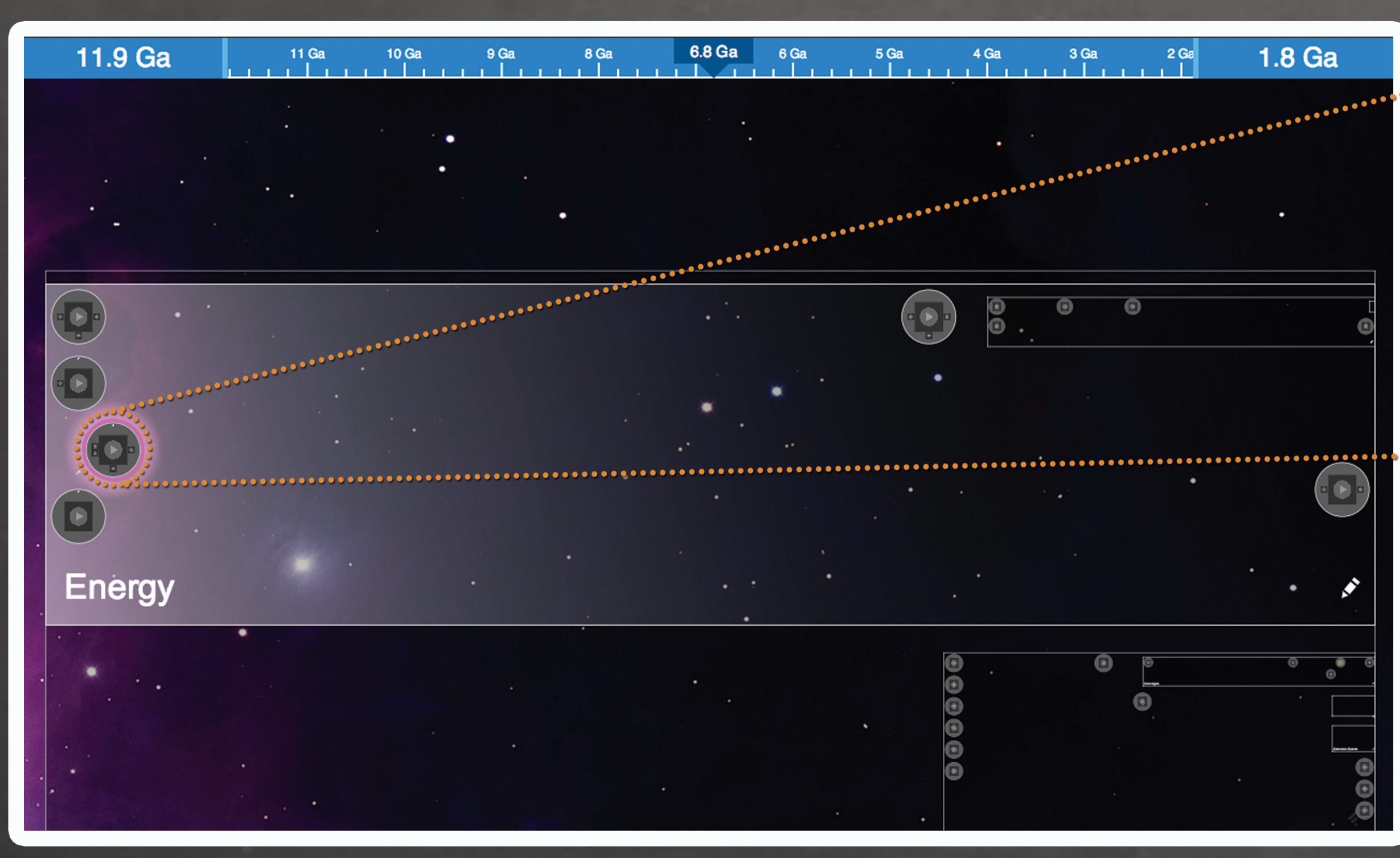
CHRONOZOOM ENERGY MAP



CONTENT CREATION PROCESS



ENERGY TIMELINE



EXHIBITS