THE INTERSECTIONS OF TIME AND TECHNOLOGY

GUST@TEMPORALITYLAB.COM
LINKEDIN.COM/IN/GUSTNOGM

heritage
innovation
lab

PARTNERS

Creative Europe

Time Machine

ICARUS
INTERNATIONAL CENTRE FOR ARCHIVAL RESEARCH

FRIEDRICH-SCHILLER-UNIVERSITÄT JENA
SEIT 1558

SOUND& VISION

META
knowledge to market

C4EDUCATION

Creativity and Innovation Fostering Cultural Heritage

for Galleries, Libraries, Archives, Museums, Universities
and all Cultural Institutions searching for their next steps

NOUS Sonic

Virtual Audioguide for the Mozart Museums Salzburg, it is a Headphone based 3D sound technology called “NOUS Sonic”,

NOUS Digital,
nousdigital.net

VR4MORE

Social Media Mixed Reality
combines AR, VR, XR and social used for Education, Research, and Training

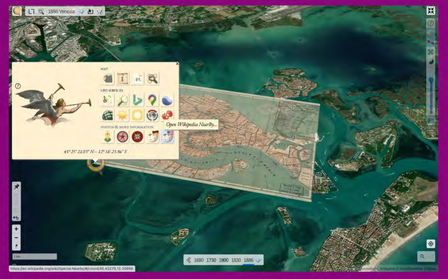
Consensive
consensive.com

TOPOTHEK

Citizen Science
in a tool for collecting memories with search results of ancestors by name and stories.

Innovent
Topothek.at

Chronoscope World



Matthias Müller-Prove,
Germany

Zaubar

Anne-Sophie Panzer,
Germany

XpeCam Solution

Antonio Cardoso,
Portugal

our convictions

fundfinding
is key

needs
for more than tools

storytelling
is our way

Funding Opportunities

This page lists currently open funding opportunities curated by the Heritage-Innovation team. The named calls come from various national and international actors like the European Commission or the DFG (German Research Foundation). The opportunities that will close soon are sorted to the top.

Open opportunities

CoARA's First Call for Cascade Funding

Open until	2024-06-26 00:00
Open since	2024-04-26
Total budget	1100000
Website	CoARA 1st Call

This call for Cascade Funding aims to enhance institutional change and target pilot and exchange-of-knowledge initiatives. It will fund +20 projects facilitating knowledge-exchange, piloting new initiatives within institutions, and enabling lasting institutional change. As such, it encourages and supports research organisations to investigate and test what will efficiently work 'in real life'. More specifically, the...

Read more

Interreg IPA South Adriatic

Open until	2024-09-06 23:59
Open since	2024-06-07
Total budget	38000000
Website	Official Call Page

The call is addressed to public bodies, bodies governed by public law and non-profit private bodies. Lead partners and project partners must be established in Italy, Albania and Montenegro, whereas the Programme area covers the two Italian regions Puglia and Molise and the whole territory of Albania and Montenegro. Priorities of investments The proposals can...

Read more

Enterprise Europe Network (SMP-

Setting up a New European Bauhaus hub

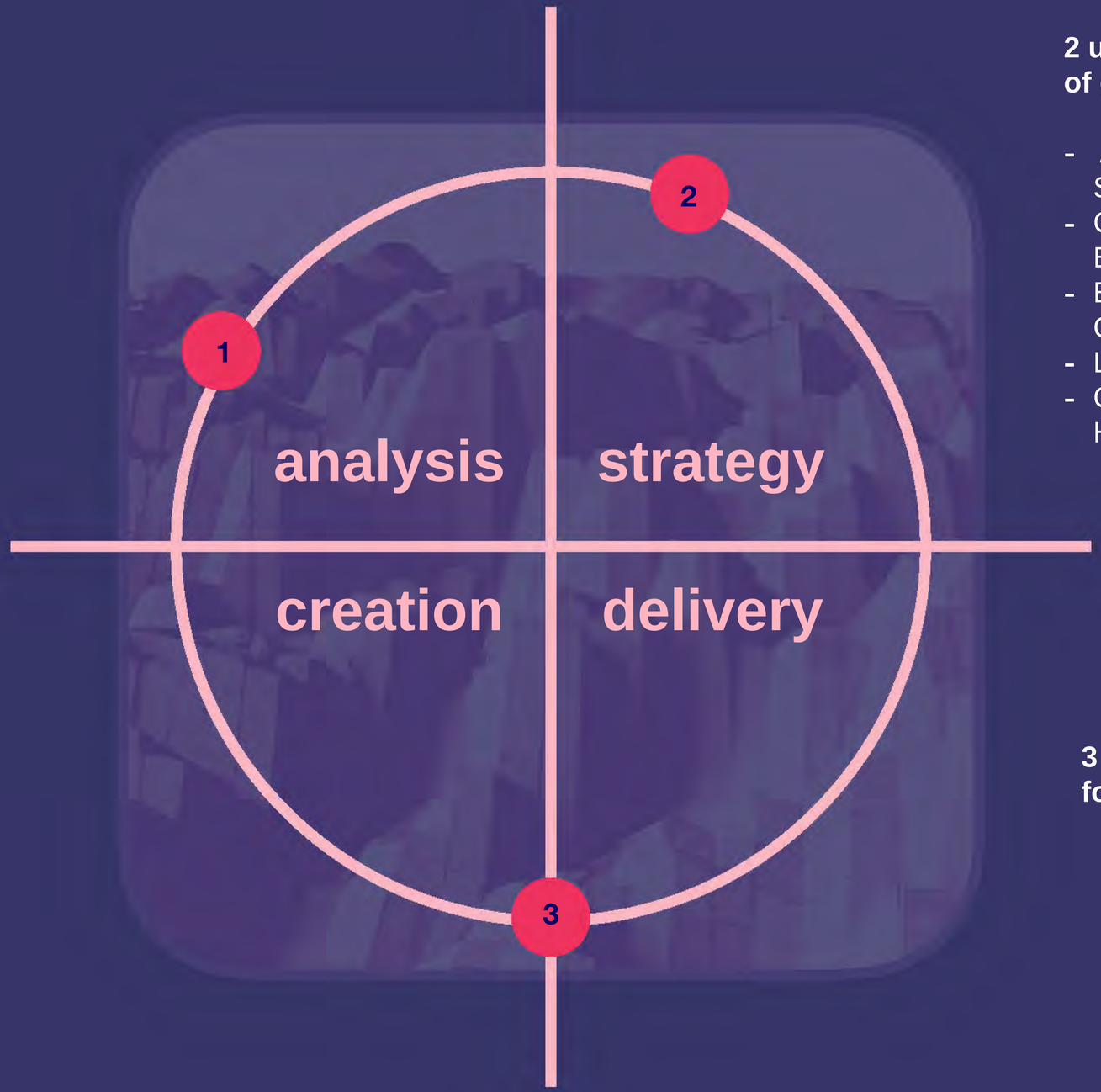
more than tools,
we build solutions
as methodologies

analysis
strategy
creation
delivery

product ladder

1-day initial concretion workshop to discover:

- which funds to apply?
- tools to leverage project proposals



2 unlock insights of glam best use cases:

- Audience Engagement Strategies
- Collection Management Best Practices
- Emerging Technologies in Cultural Preservation
- Legal and Ethical
- Considerations in Digital Heritage

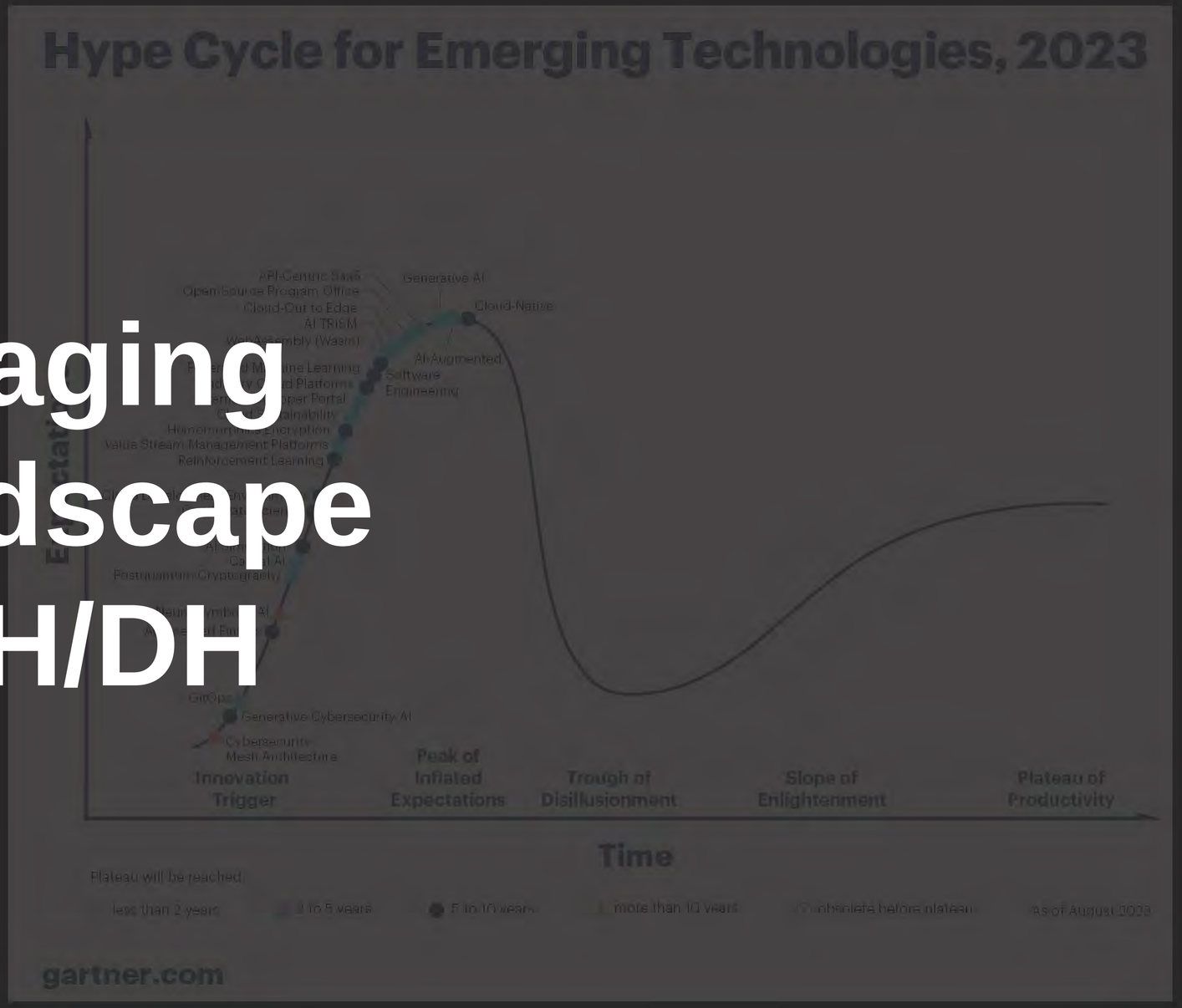
3 Consultancy Services for large involvement:

- cost for 3 month strategy or more considering creation and delivery
- 1 year support after that with cost for support as one line of project budget in case of approved

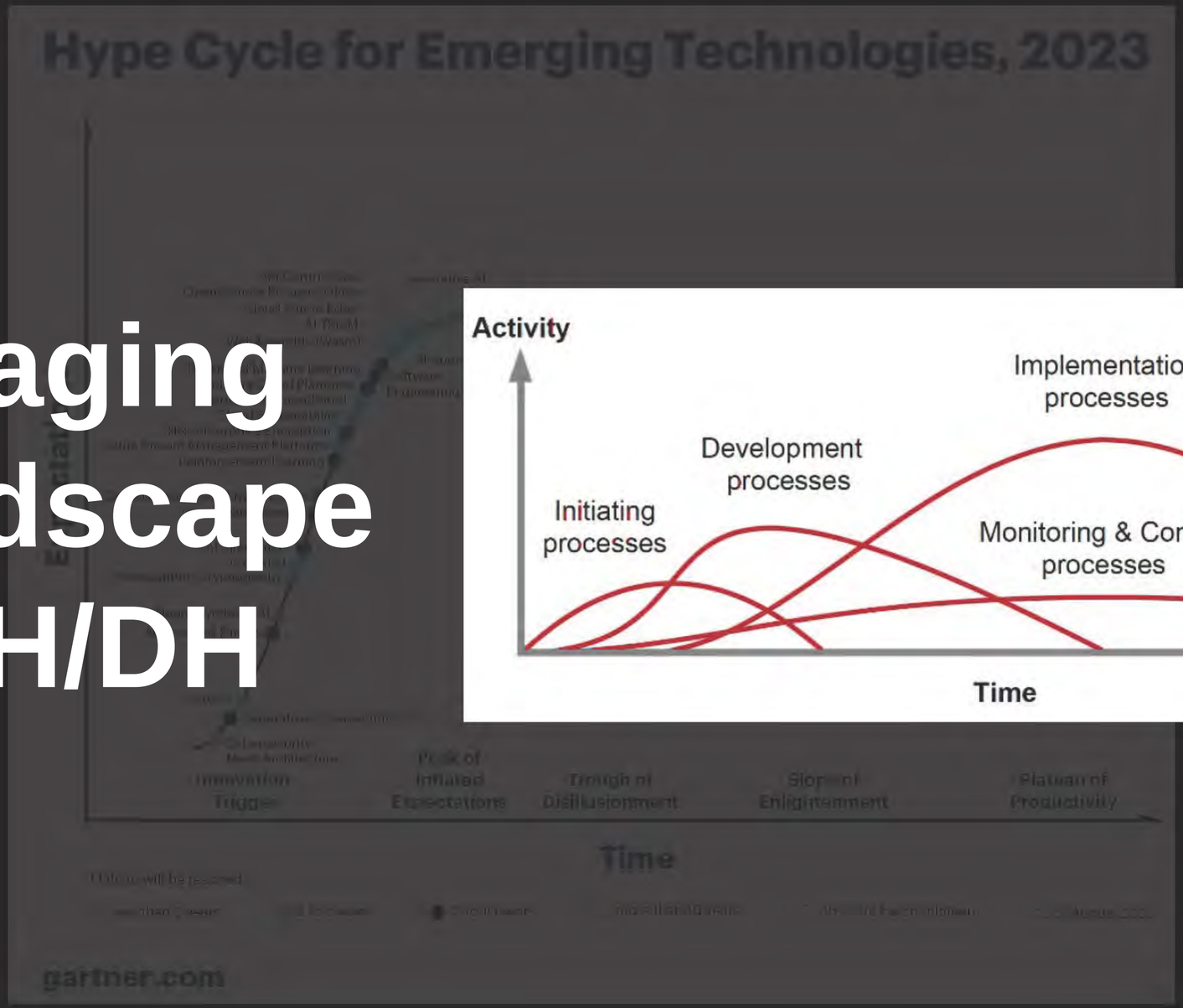
more than tools,
we build solutions
as methodologies

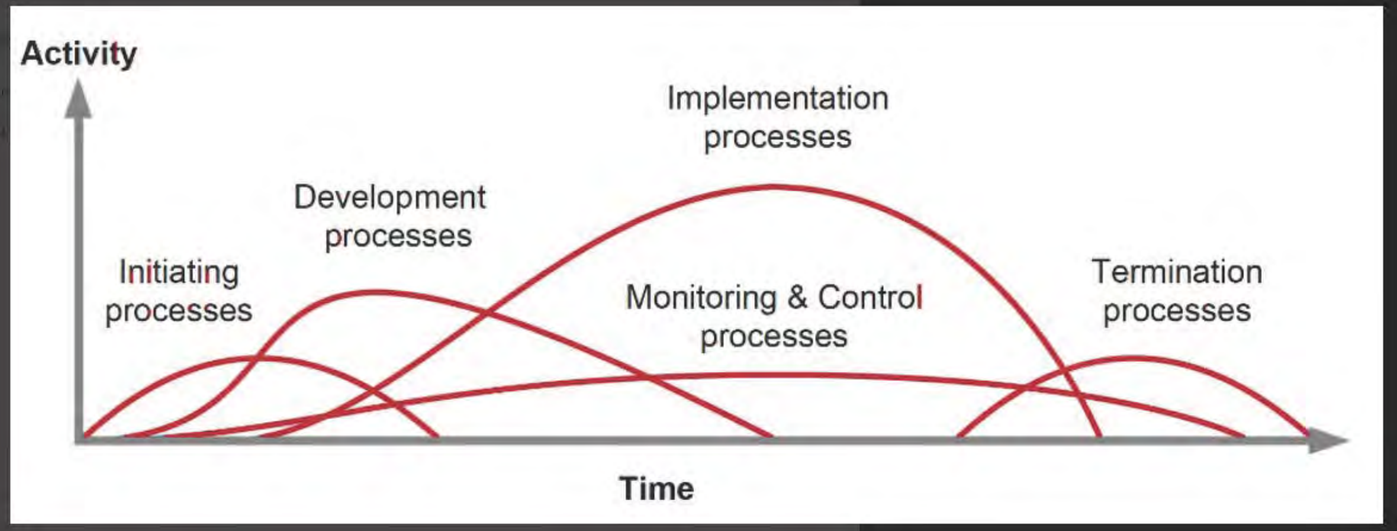
And the tools are part
of a broad range of
digital heritage solutions

leveraging a landscape for CH/DH



leveraging a landscape for CH/DH





products
co-creation

tools
landscape

fundfinding

initiating processes

development processes

implementation processes

monitoring&control processes

termination processes

audience engagement strategy

this is
heritage innovation

collection managament best practices

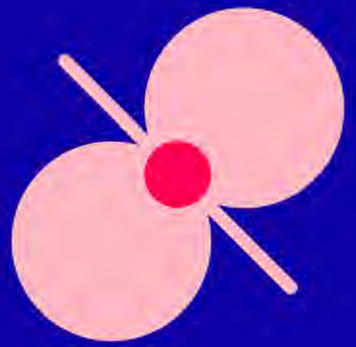
this is
heritage innovation

emergent technologies in cultural preservation

this is
heritage innovation

legal and ethical considerations in digital heritage

this is
heritage innovation



gust@temporalitylab.com

TEMPORALITY LAB

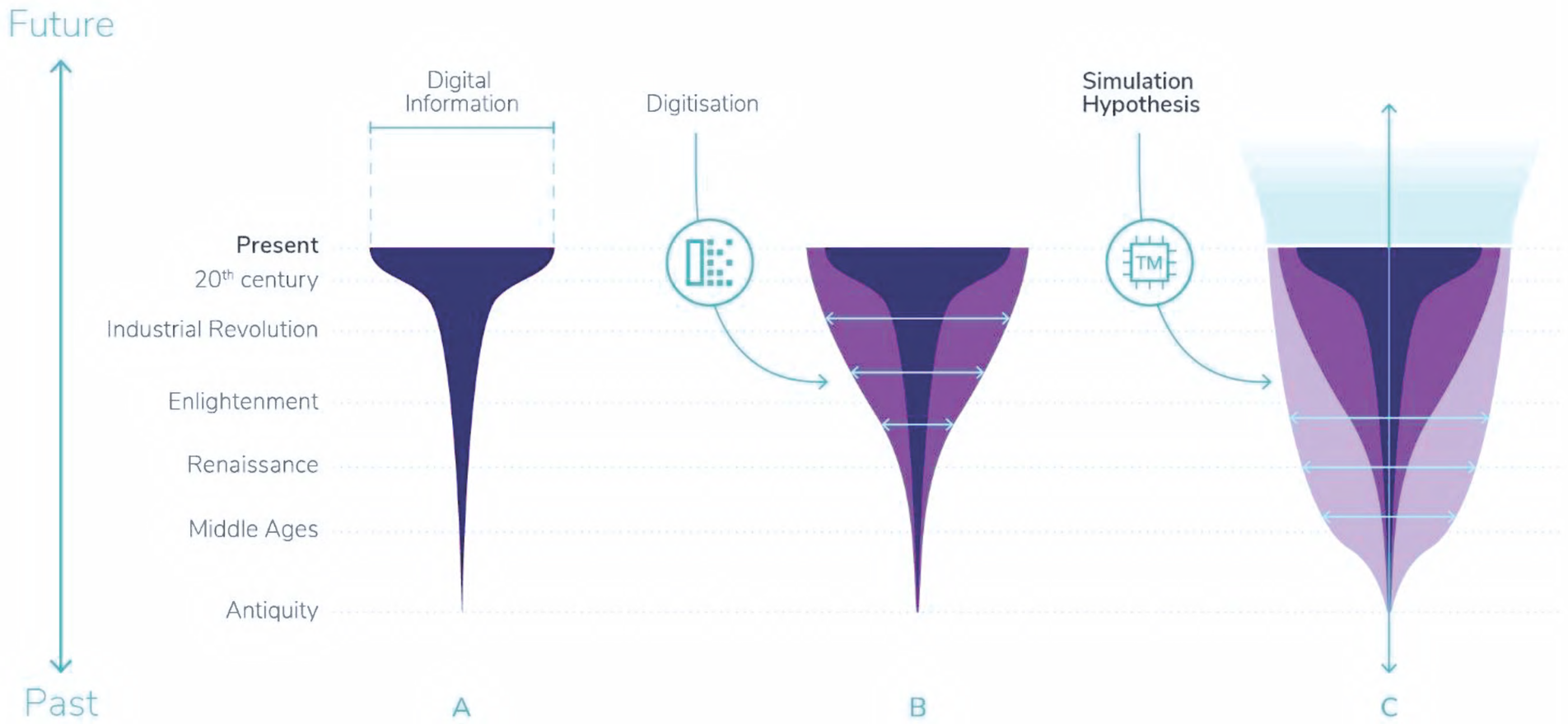
gust@temporalitylab.com

TIME IS A LANGUAGE

gust@temporalitylab.com

“HUMAN. I AM HUMAN. WHAT ARE YOU?”

gust@temporalitylab.com


Future
Digital Information
Digitisation
Simulation Hypothesis
Present
20th century
Industrial Revolution
Enlightenment
Renaissance
Middle Ages
Antiquity
TM
Past
A
B
C

– Raymond Williams

RESIDUAL TIME

codes, languages, and behaviors already misaligned

DOMINANT TIME

codes defining the reality around us

EMERGENT TIME

evidences of new narratives shaping culture

SPIRIT OF THE TIME

ontological perspectives interacting

gust@temporalitylab.com

How AI Obscures Time To Its Users?

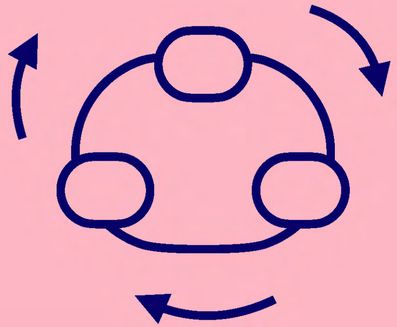
Temporality Of AI

Design of Responsible Artificial Intelligence Systems In The Context of Climate Emergency

Master's program made by
ELISAVA and IAM-Internet

ELISAVA
Barcelona School of
Design and Engineering

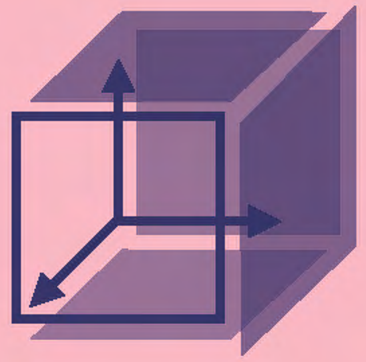
IAM



Accelerated Time Perception

AI accelerates our daily lives with instant responses, real-time updates, and automation. This leads to a constant state of urgency and anxiety among users / consumers.

Hartmut Rosa. Social Acceleration: A New Theory of Modernity



The Frozen Past in AI Datasets

AI models are trained on historical data, which can reinforce outdated norms and biases. Users might feel trapped in a deterministic past, where future possibilities seem constrained by historical data with self-fulfilling prophecies and false prophets

Helga Nowotny. In AI We Trust.
eg: The Next Rembrandt

Societal Challenges

The acceleration can distract from pressing societal issues like the climate crisis and the Anthropocene. Constant engagement with AI can create a disconnect from the slower, more deliberate efforts needed to address these crises.

UN Sustainable Development Goals

For the kind of explosiveness that man will be able to contrive by 1980, the globe is dangerously small, its political units dangerously unstable.

CAN WE SURVIVE TECHNOLOGY?

by John von Neumann
Member, Atomic Energy Commission

"The great globe itself" is in a rapidly maturing crisis —a crisis attributable to the fact that the environment in which technological progress must occur has become both undersized and underorganized. To define the crisis with any accuracy, and to explore possibilities of dealing with it, we must not only look at relevant facts, but also engage in some speculation. The process will illuminate some potential technological developments of the next quarter-century.

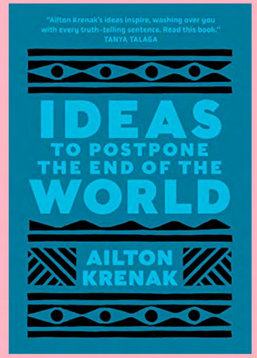
In the first half of this century the accelerating industrial revolution encountered an absolute limitation—not on technological progress as such but on an essential safety factor. This safety factor, which had permitted the industrial revolution to roll on from the mid-eighteenth to the early twentieth century, was essentially a matter of geographical and political *Lebensraum:* an ever broader geographical scope for technological activi-

Reprinted from John von Neumann Collected Works, ed. A. Taub, Vol. VI, pp. 504–519.

Technology Can't Survive Without A Planet

It is not our first temporal crisis around technology. In 1955, John Neumann wrote about the dangers of the nuclear fusion and the atomic bomb. Every technology is a product of its temporal context. We need to avoid the cultural blindspot called Technosolutionism.

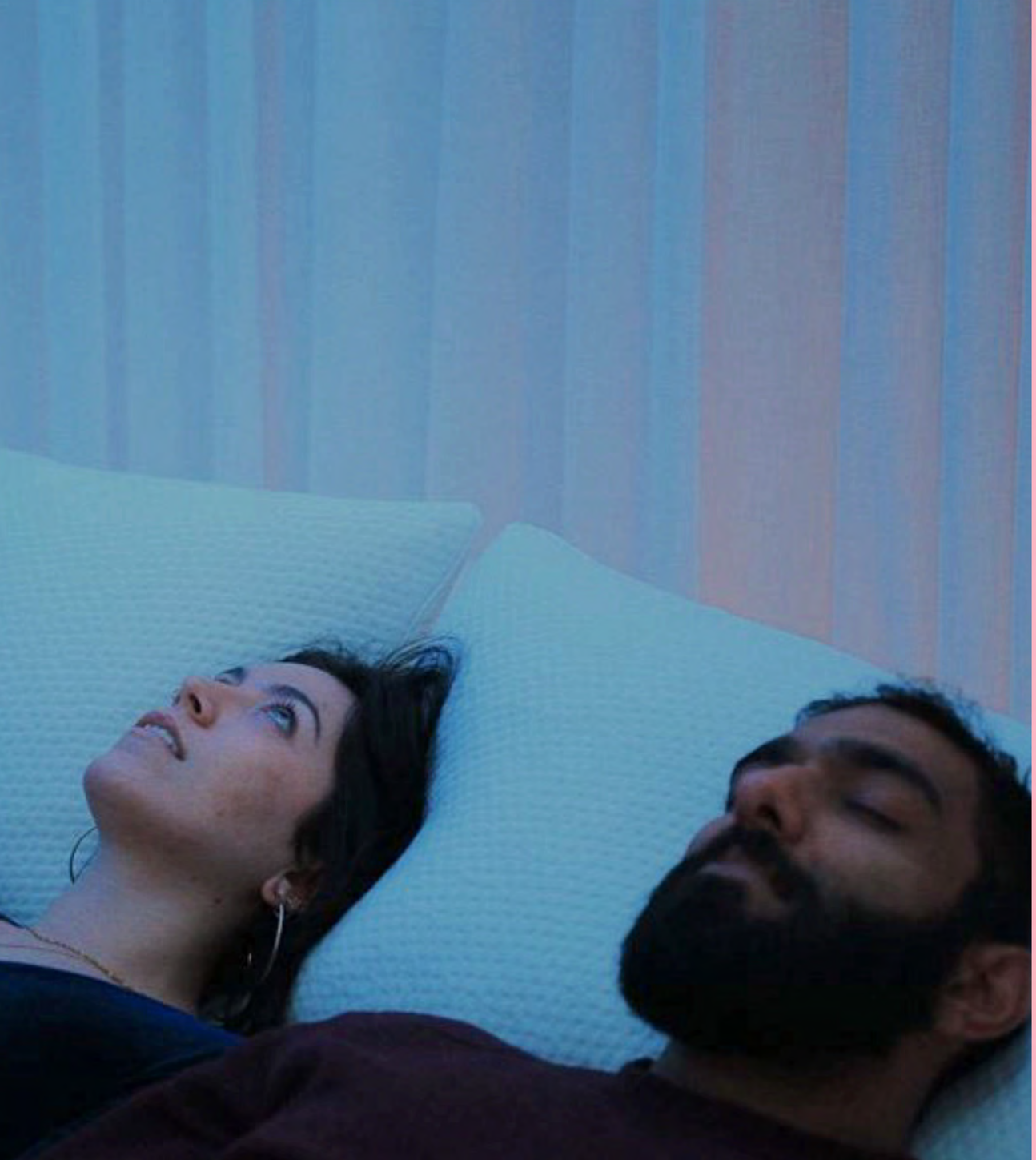
John von Neumann. Can we survive technology? (1955)

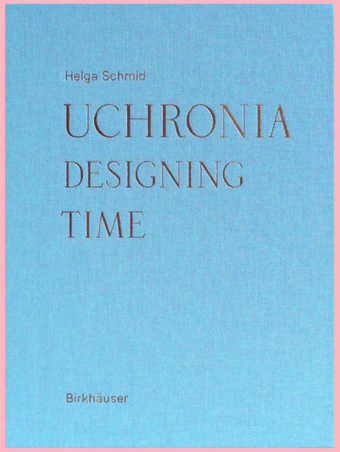


Who is Postponing The End of The World?

Humankind is on a collective march towards the abyss. Global pandemics, extreme weather, and massive wildfires define this era many now call the Anthropocene. But Indigenous peoples have faced the end of the world before.

Ailton Krenak. Ideas to Postpone the End of the World.





Designing Time

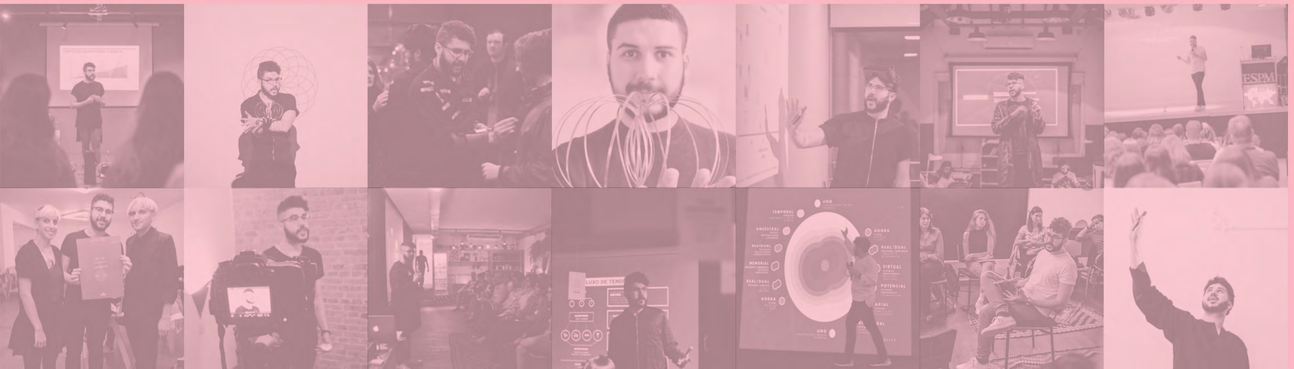
"Technologies shape and are shaped by society. They are neither the problem nor the solution. (...) Uchronia is a way to question, speculate, and design new types of temporal systems that are more about being in sync — with yourself, with each other, and with the world — rather than clock time."

Helga Schmid. Uchronia: Designing Time.

Temporality Of AI: How AI Obscures Time

Gustavo Nogueira de Menezes
gust@temporalitylab.com

AI is a central product of our time.



temporalityof.ai

is a transdisciplinary series and on going investigation started by Temporality Researcher Gustavo Nogueira de Menezes in 2023 and 2024 during both the Master in Design for Responsible Artificial Intelligence Systems in a Context of Climate Emergency at Elisava Barcelona and the Post-Graduation in Management and Communication of an Applied Design Project With Mention in Research at Tgraf-Isec Lisbon

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