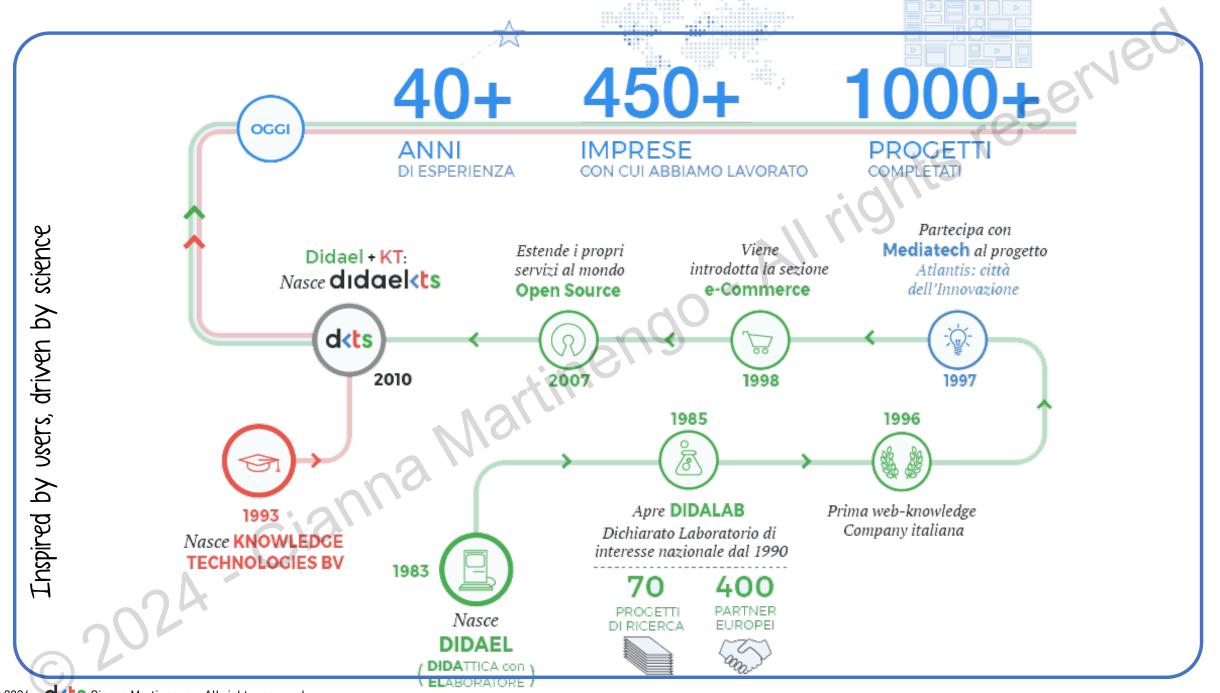
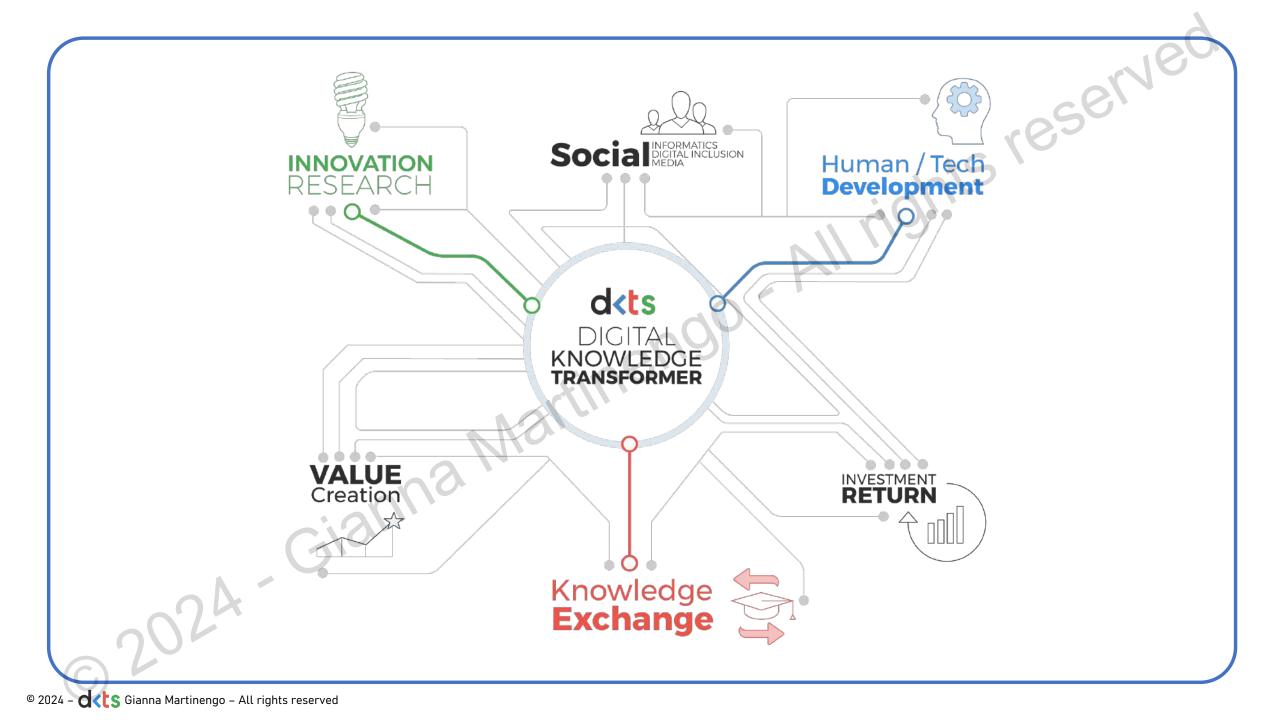


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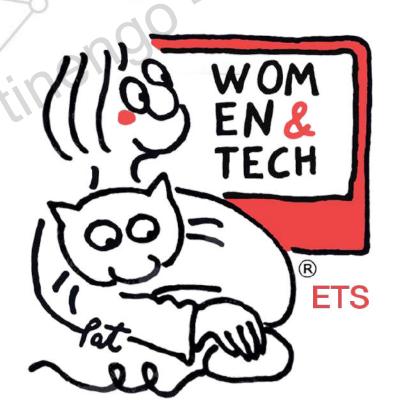
Women&Tech® ETS

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1999: Lombardy Region, Equality conference

1999-2008: Women&Technolo gies, CSR project of DKTS

2009: WTproject turns into an Association

2022: Women&Tech becomes a national entity of the Third Sector

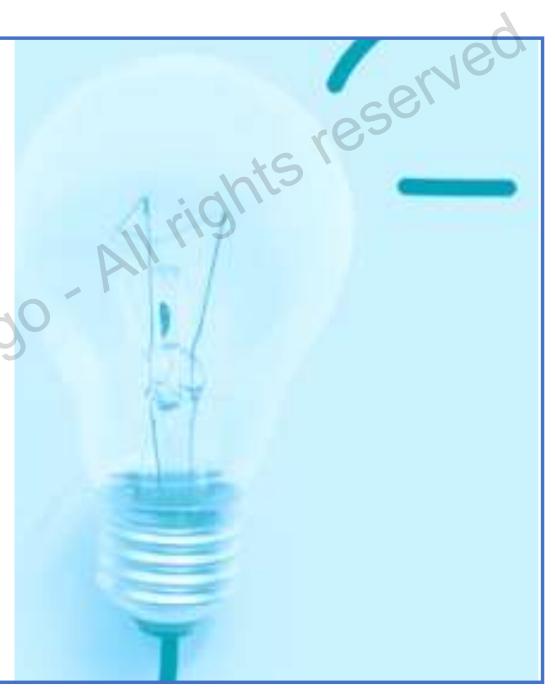
2024: AI based Website

The 9 lessons learnt from Chat GPT

- 1. Transactions are long conversations not a one-shot question-answer
- 2. The system has memory of the verification interaction phases: Grid -stateful- vs Web -stateless- services.
- 3. Taking the turn can be a mixed initiative since 1970 in Tutoring Dialogues (J. Carbonell)
- 4. Interactions are not based on a predetermined model of the artificial partner, two identical questions give different results, the 'oracle' is constantly being updated
- 5. Prompt engineering is replaced by rapid conception and refinement, even the human learns

The 9 lessons learnt from Chat GPT

- 6. Conversations can become multi-agent = social
- 7. Intelligence is collective, not individual
- 8. Roles guardian, tutee, teacher, expert, novice...are often exchanged and diversified, shared between human and artificial agent societies
- Consequently: counselling, outreach, courses are radically changed by adopting a similar approach (multiple sources of knowledge and practices



Our strategy for a new business

Thanks to what we learnt by our experience and research acitivity, at the end of 2022, our company was ready to provide:

- Consulting
- Applications and services for interactive platform-based systems
- Websites based on the principles stated in this presentation



Our strategy for a new business

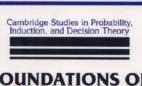
Our approach is based on "learning by doing" and side by side activity:

- Introduction to AI: what it is , how it works
- What can we do for you specifically?
- Side-by-side coaching
- Identification of scope of intervention
- In-depth cognitive activity to find corporate KB
- Analysis of materials collected
- Prototype development
- Experimentation and discussion of results
- Possible adoption









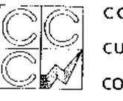
FOUNDATIONS OF PROBABILITY WITH APPLICATIONS Selected Papers 1974-1995



PATRICK SUPPES MARIO ZANOTTI



Ventura Hall: Stanford's Institute for Mathematical Studies in the Social Sciences (1959)













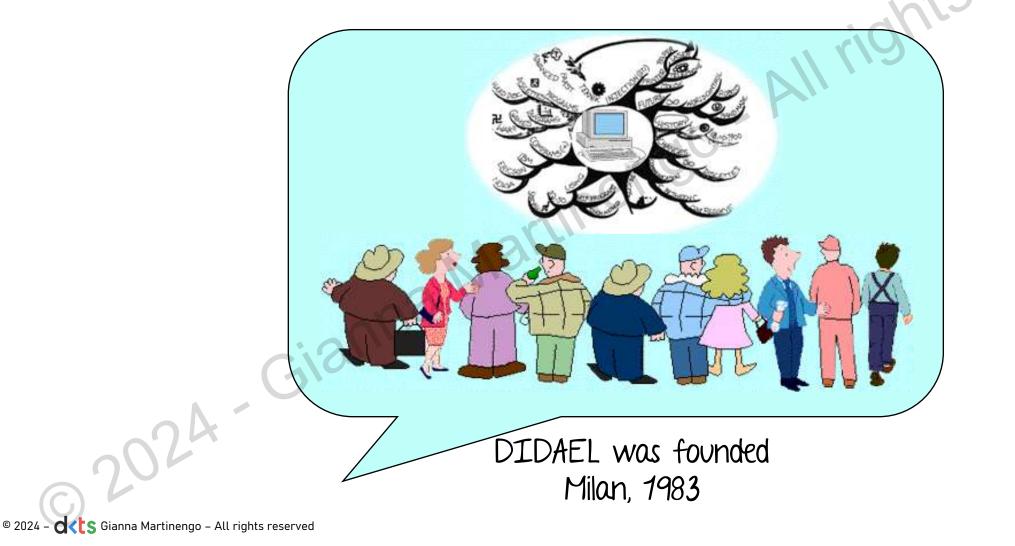




The **DIdAlab** Research Laboratory (1985) headed by Prof. **Stefano A. Cerri** was co-founded

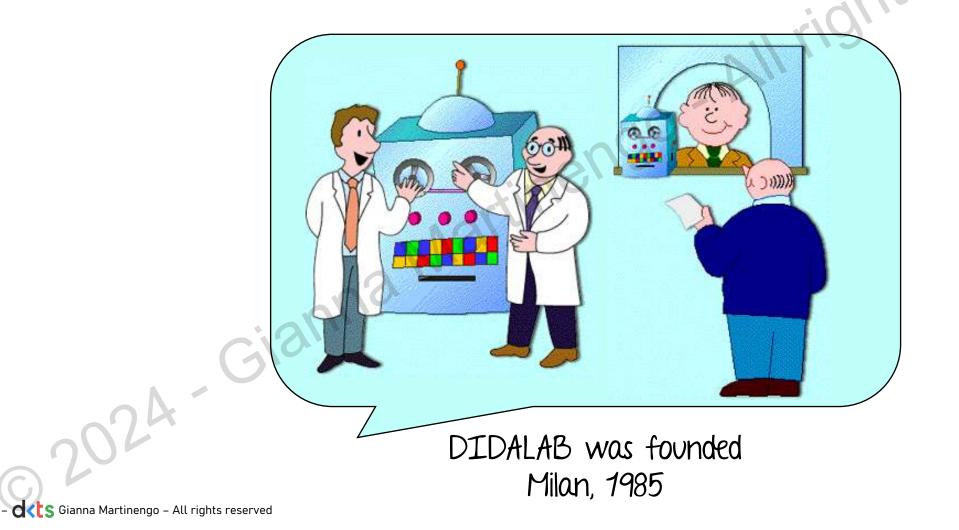
Marvin Minsky (MIT), pioneer of artificial intelligence, visited the **DIdAlab** Research and Development Laboratory (1989)

Dialogue and interaction between people mediated and enhanced by technology.





From Knowledge-Based Information Systems to Interactive Artificial Intelligence: DIDALAB and KT



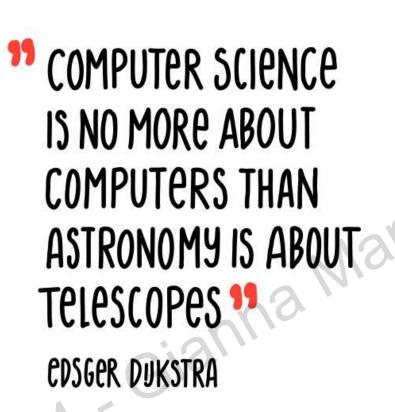
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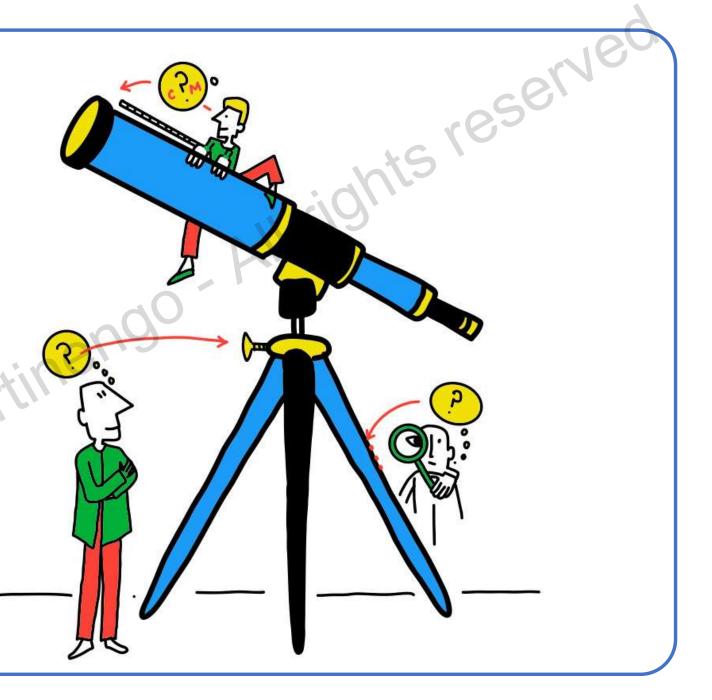


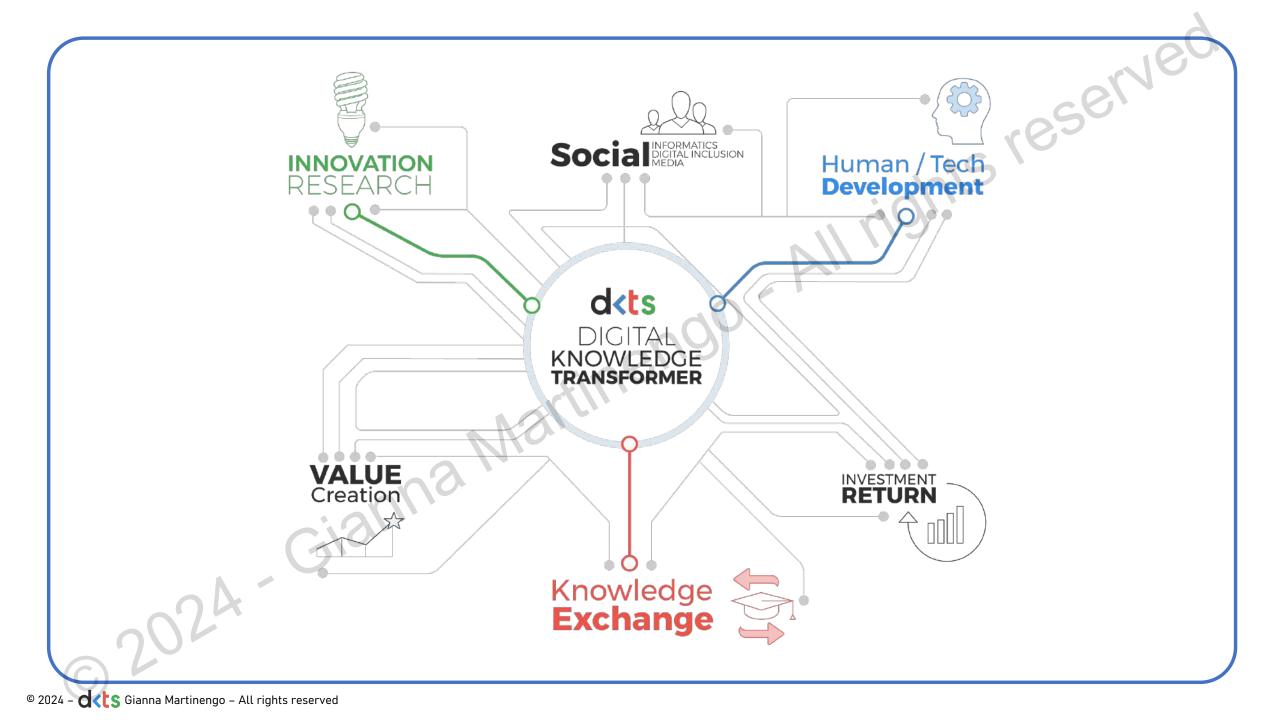
Knowledge-based information systems (agents)

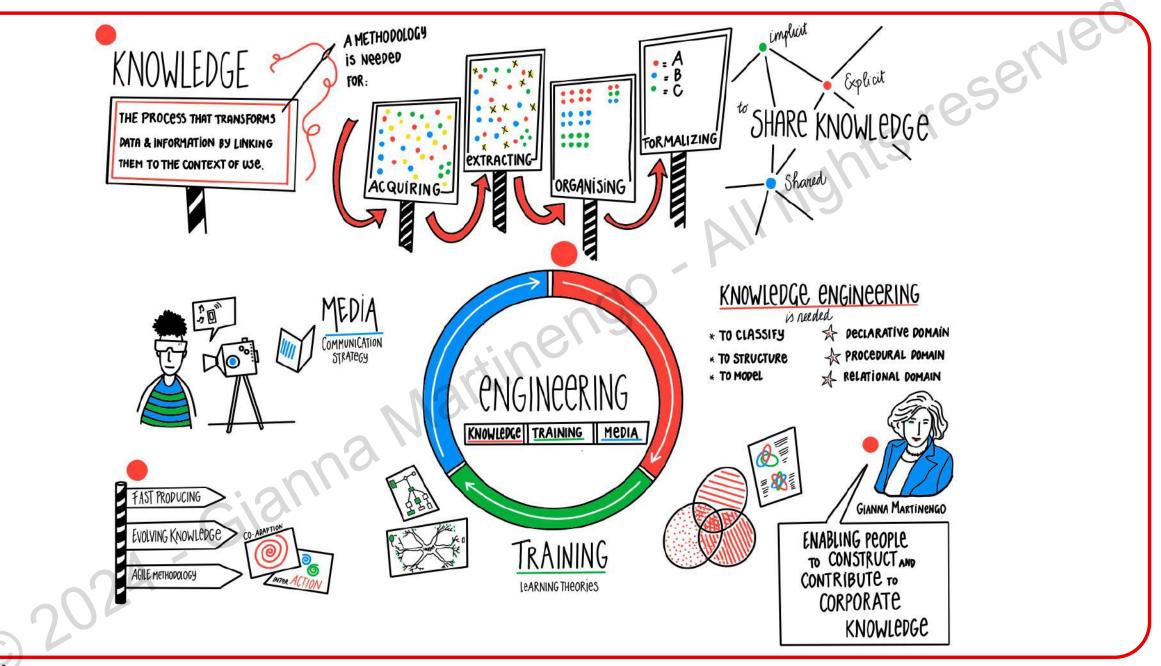
• Modern information systems include not only databases, but also tools such as Google or Yahoo or many other social networks, as well as recommender systems (proactive information systems). In general, tools for the **collaborative** construction of knowledge from information available on the Web operate in the context of billions of artificial and human agents exchanging messages.

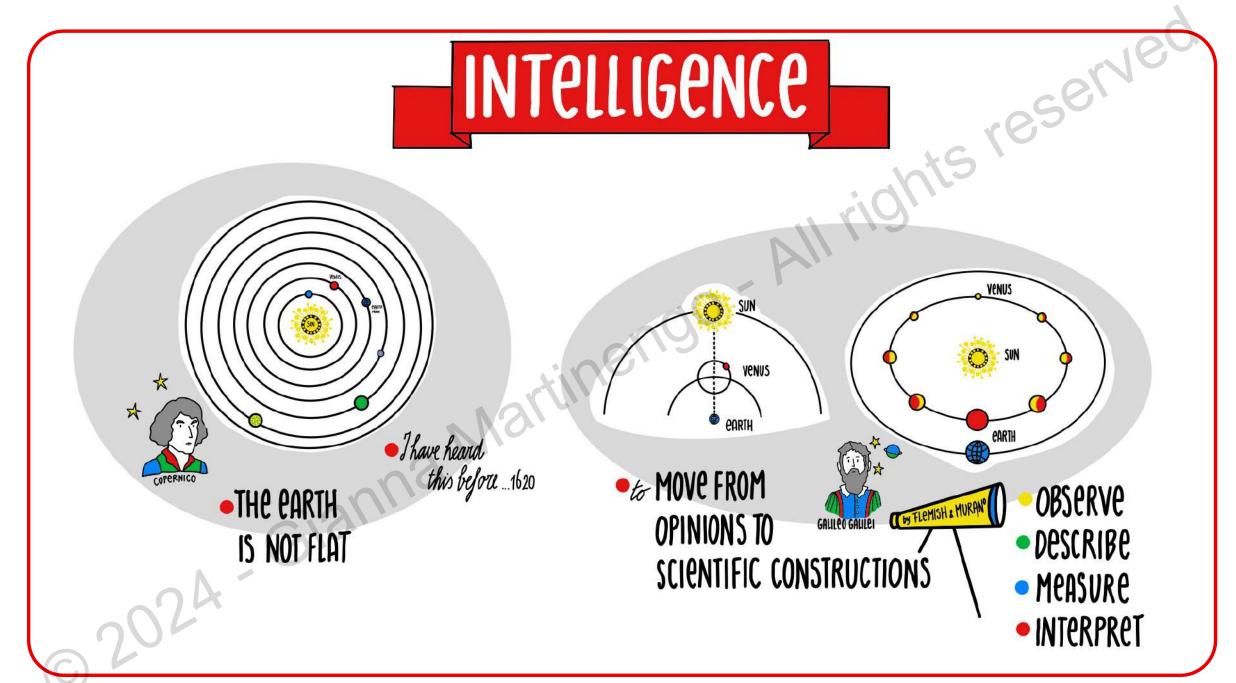












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Padre Busa: a pioneer (1940s)

INDICIS THOMISTICI edendi Rationes, Mensurae atque Specimina

PISIS 13 Maji 1968 ROBERTO BUSA S. J.

Roberto Busa, Servus Jesus, has implemented, over decades of work, the **INDEX THOMISTICUS**, which is widely described, encouraged and praised by various Popes, further as by many scientists He was a real pioneer. The most difficult work of the INDEX THOMISTICUS was to construct the concordances of the words of St. Thomas: 170 magnetic tapes of medieval Latin texts. Busa's hypothesis: "Semantics of words comes FROM CONTEXT, from proximity to other words"... ChatGPT.

The role of CNUCE and IBM (1968-69)

The complete processing of the Index Thomisticus in Pisa (1968-69), from the cards to the tapes to the sorting of words and concordances, was implemented on IBM 7090 and 1401 by a group of programmers from University of Pisa at CNUCE, coordinated by Stefano A. Cerri. Later the work was continued and finished in Boulder, Colorado, funded by IBM.



Social Informatics: conjectures

July 26, 2006. TOKYO

All rights re. Intelligence is a social phenomenon (eg: Di Castri)

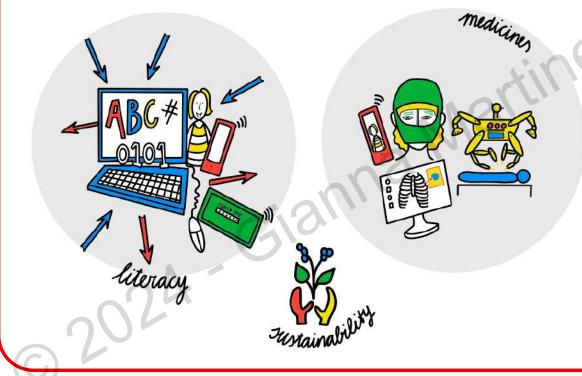
- Traditional AI (individualist):
 - making machines more « intelligent »
 - studying intelligence by simulations
- Current AI (social):
 - making Societies (human+artificial Agents) more intelligent
 - studying societie's intelligence by simulations

Social intelligence depends on Interactions (eg: Stefano A.Cerri)

Interaction is a poorly understood phenomenon



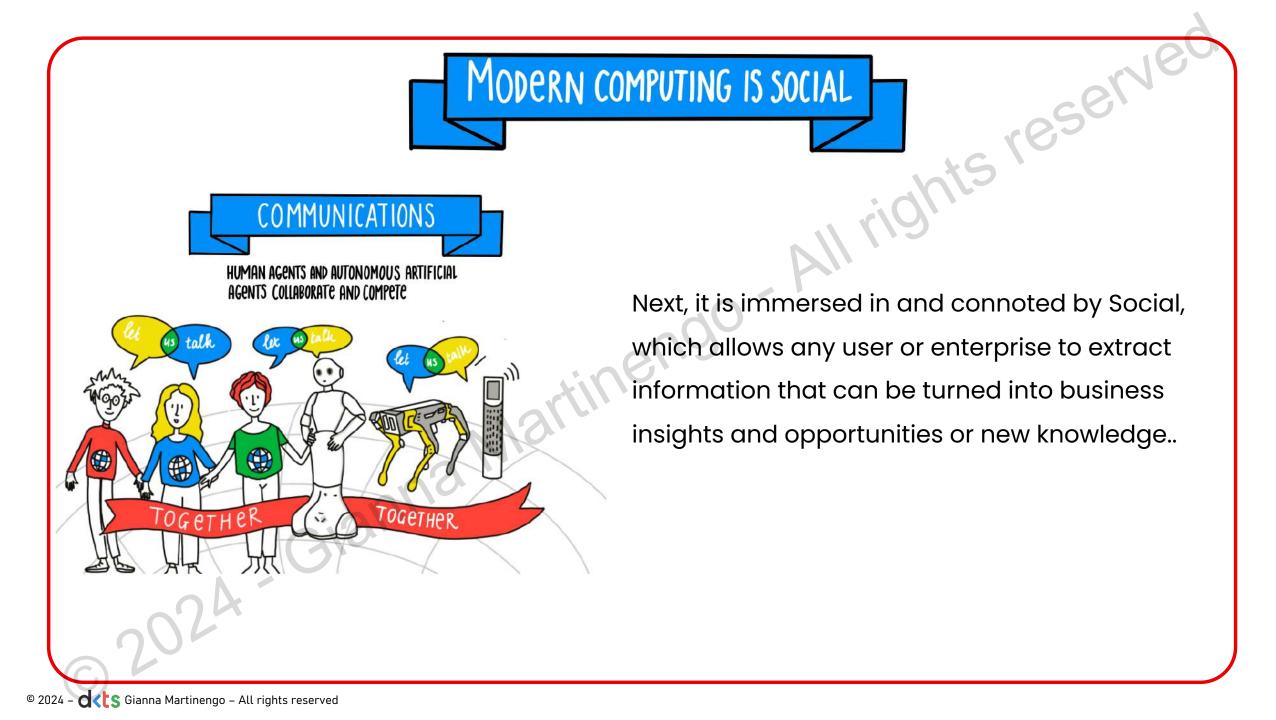
THE APPLICATION OF INFORMATION TECHNOLOGY TO THE RESOLUTION OF SOCIALLY RELEVAN T PROBLEMS SUCH AS MEDICINES AND LITERACY



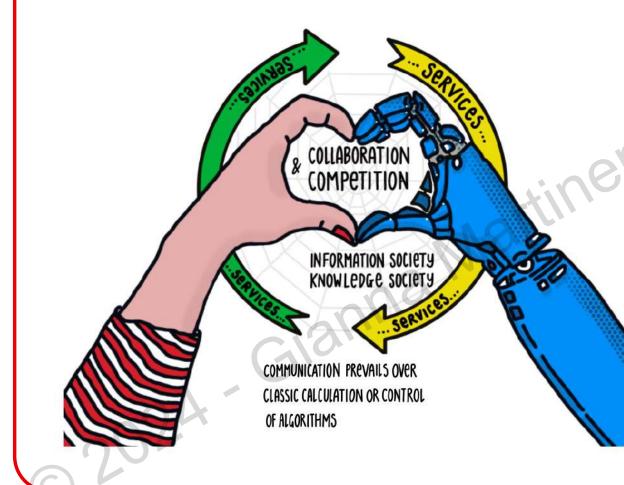
Modern Computing is Social for three main reasons:

rest

it aims to improve the lives of individuals and communities, interacting with each other.



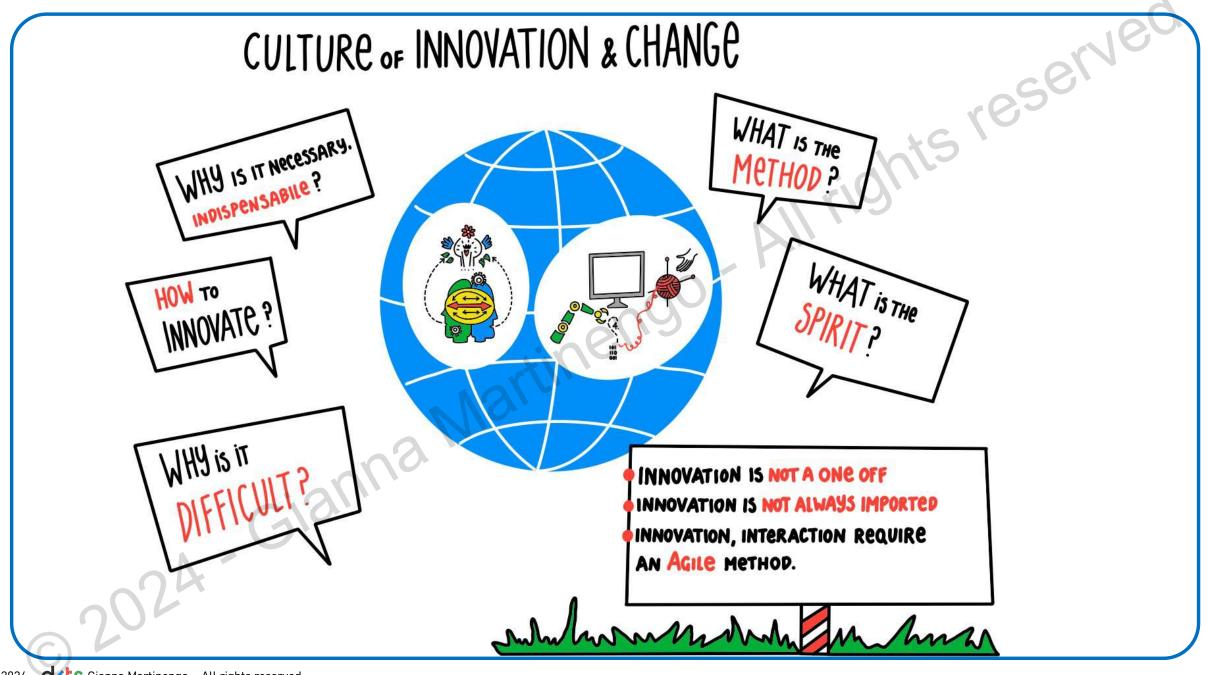




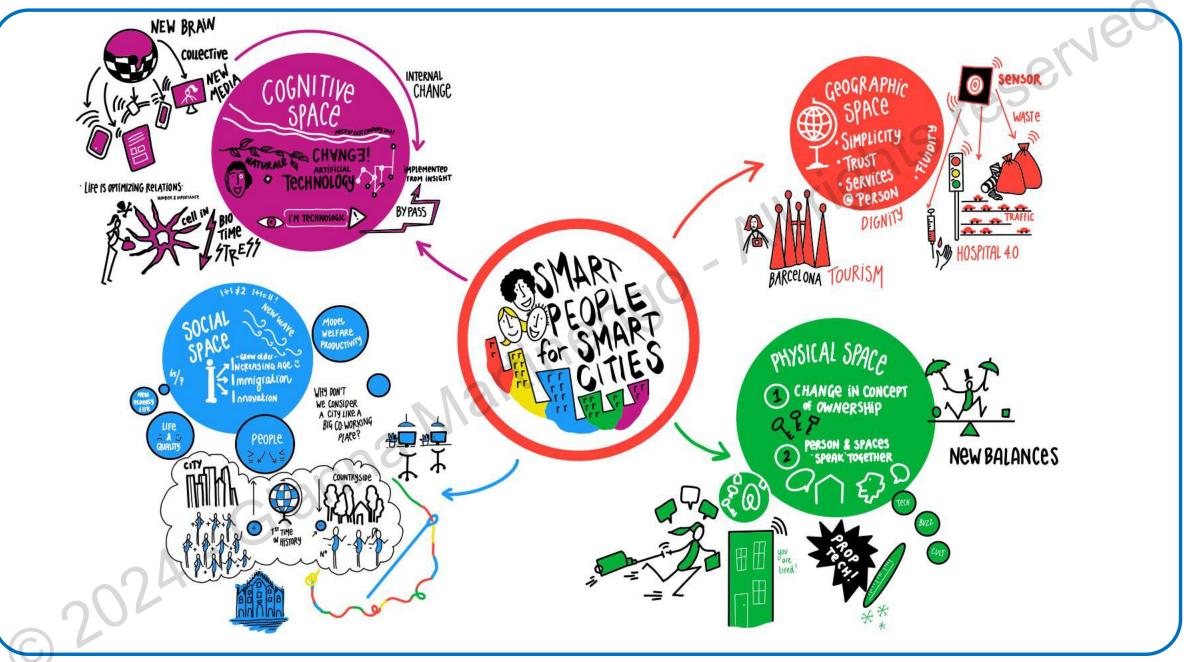
Thirdly, it is a constant dialogue between humans and automata- as I had the opportunity to observe and define back in the 1980s-a dialogue that, moreover, is becoming increasingly effective and sophisticated..

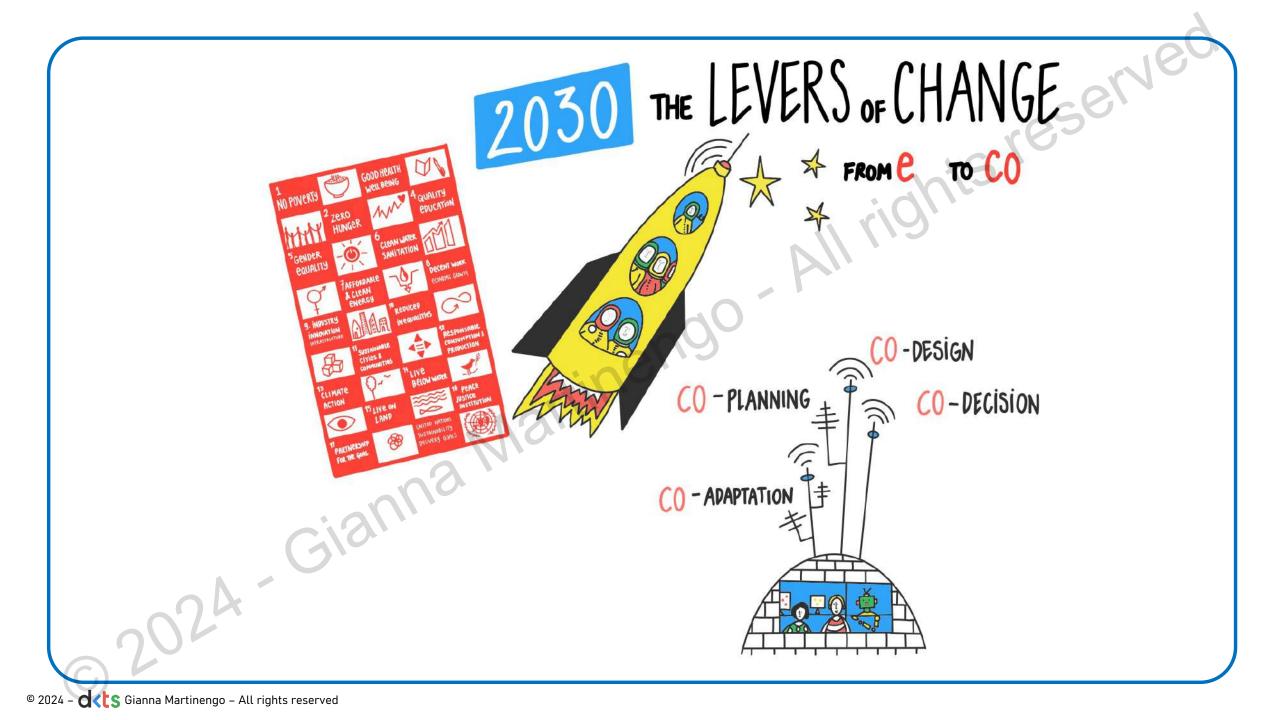
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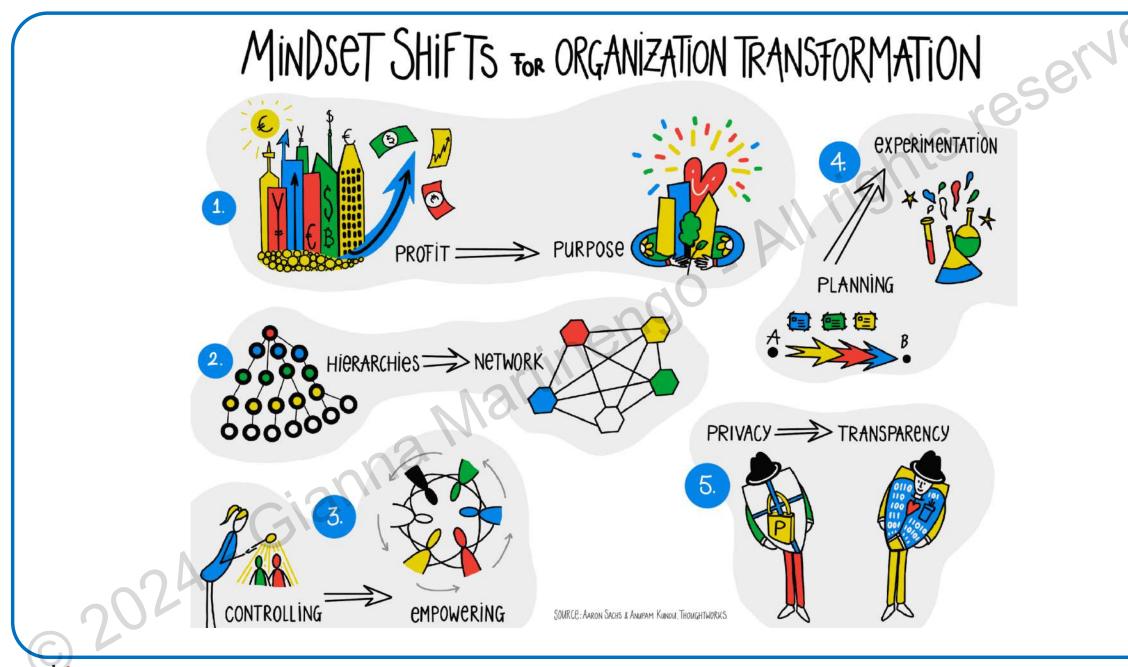
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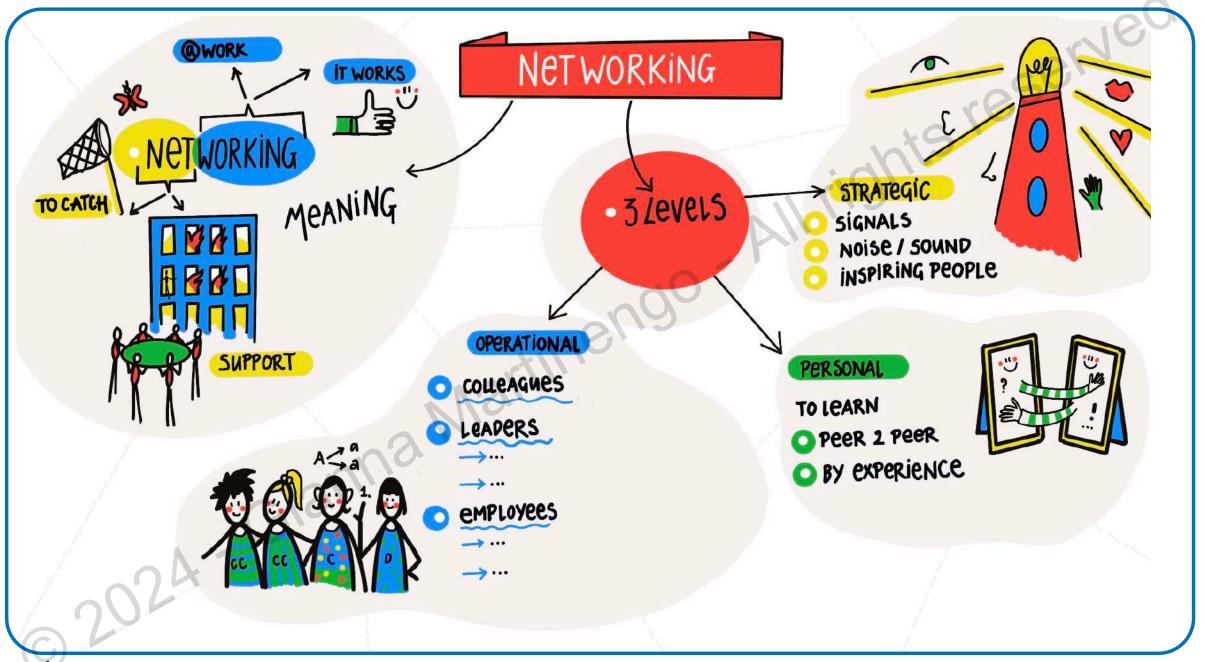


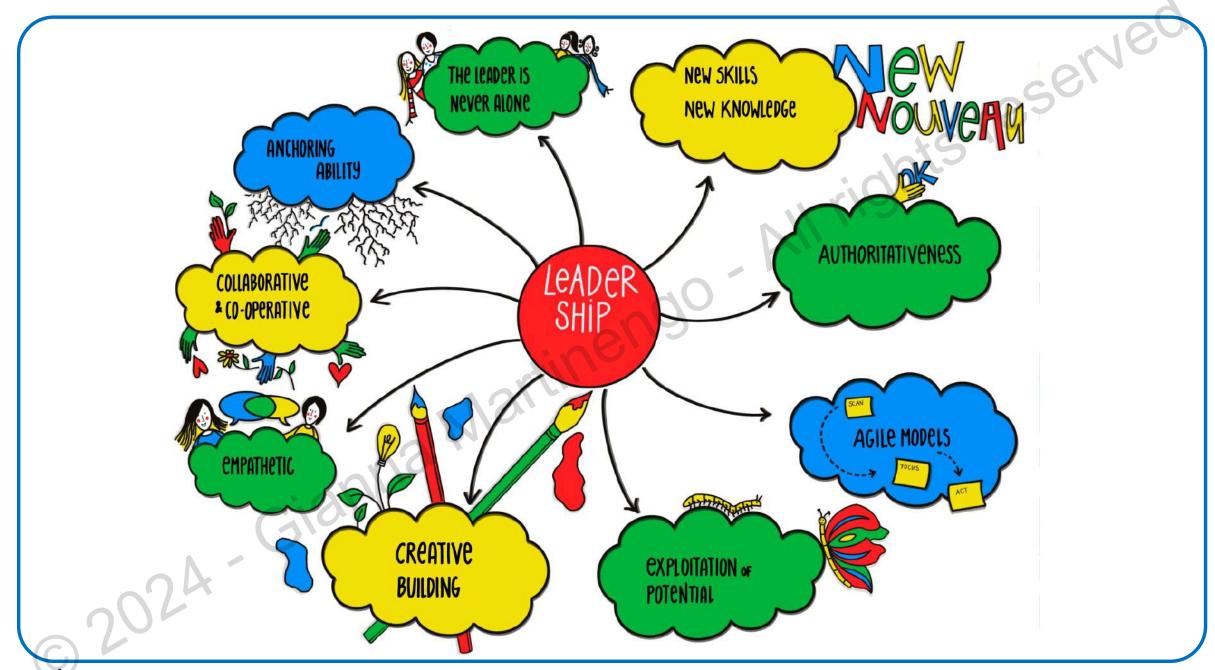
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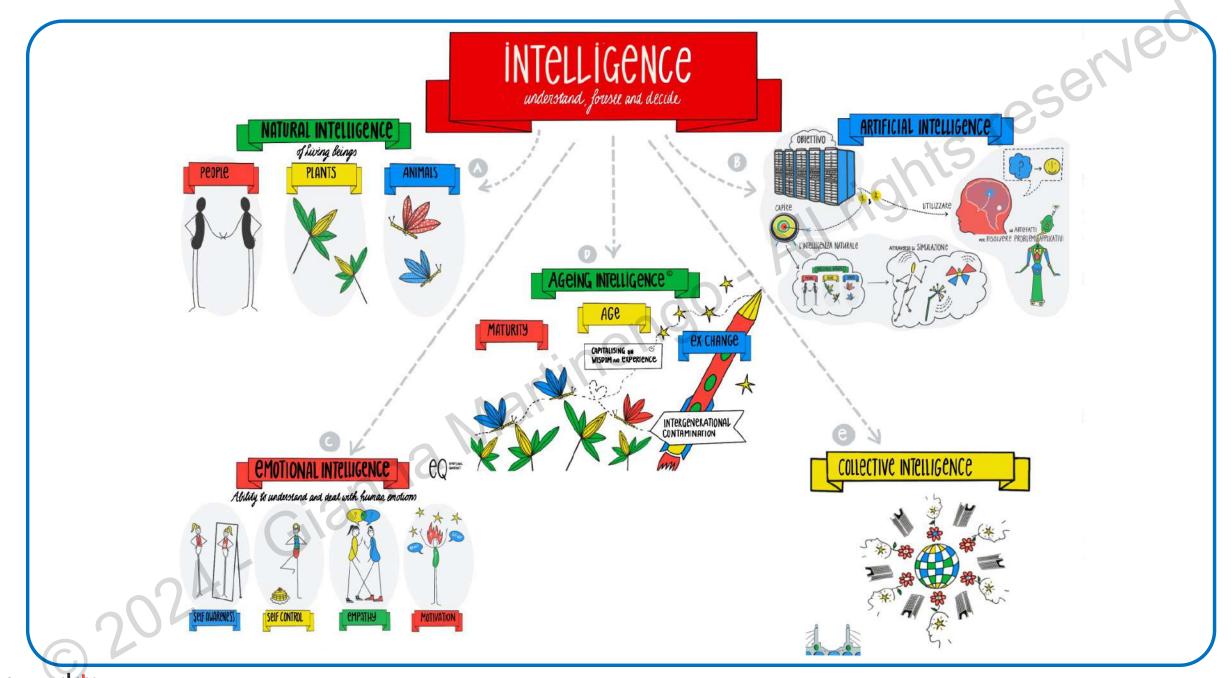




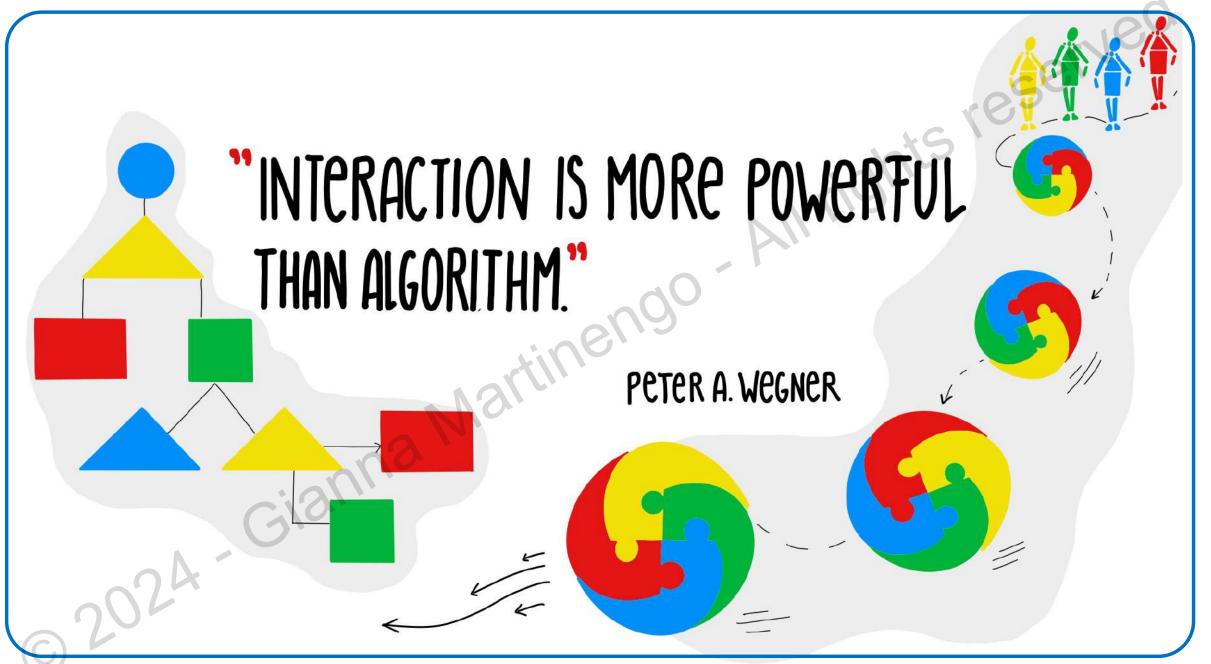












STOA Science and Technology International Advisory Board, EU Parlament by Gianna Martinengo (President of DKTS) - 24/06/2021, 15:00-16:30 CET; https://www.europarl.europa.eu/cmsdata/265641/INAB%202023-02-20_original.jpg



«AI (and software) systems < should be considered > as individual collective drugs because benefits and dangers are on the human receivers of services, not on system's behaviors resulting from its anatomy (eg:algorithms) or physiology (eg: consumer's goals).

New software life cycle: Assessment of any software should be delegated to a European Authority, based on regulatory

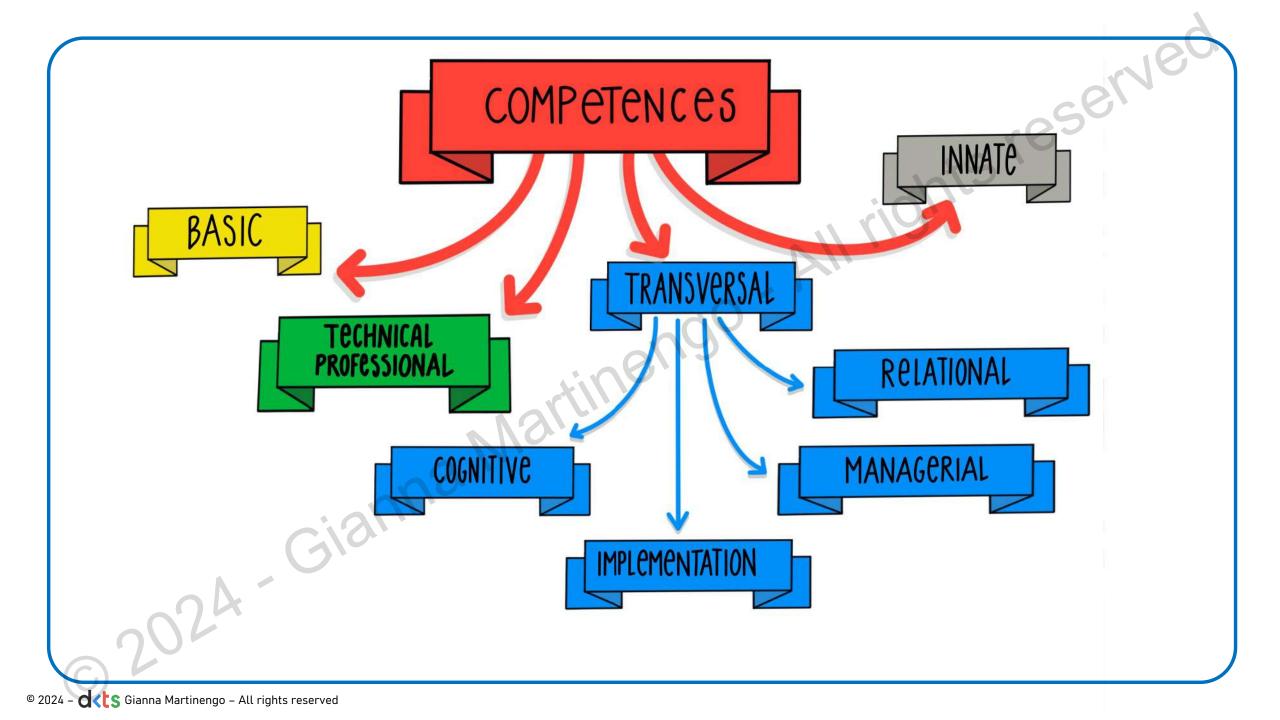
sandboxes, evidence-based experiences as are clinical trials for

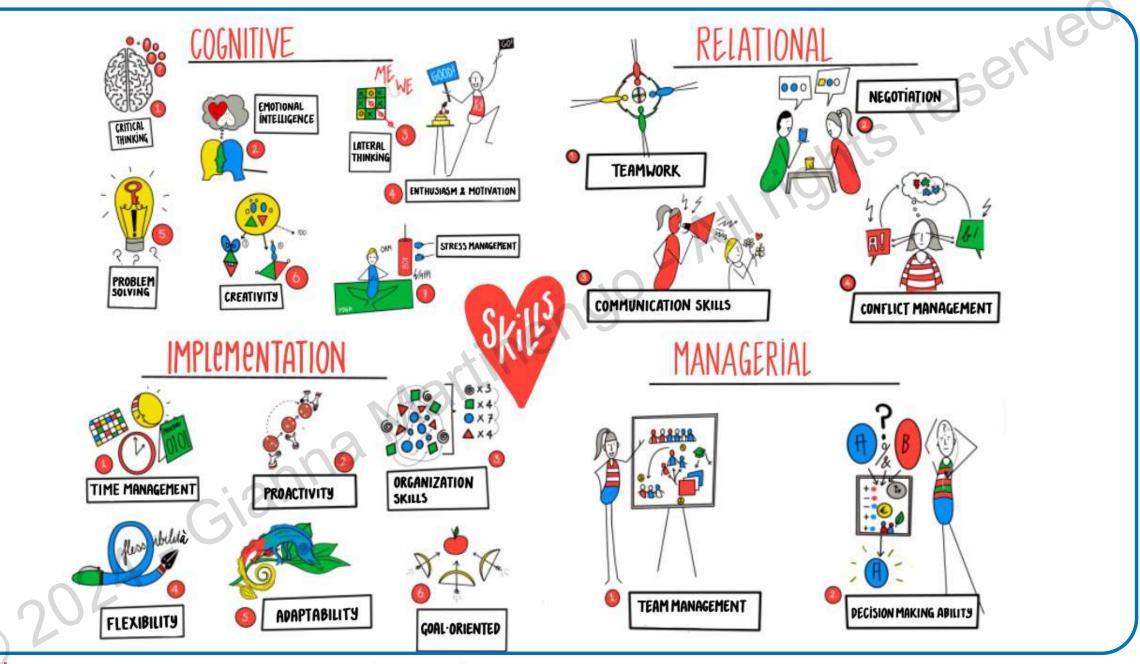


atrice & Presidente DIDAEL KTS Ideatrice Women & Technologies

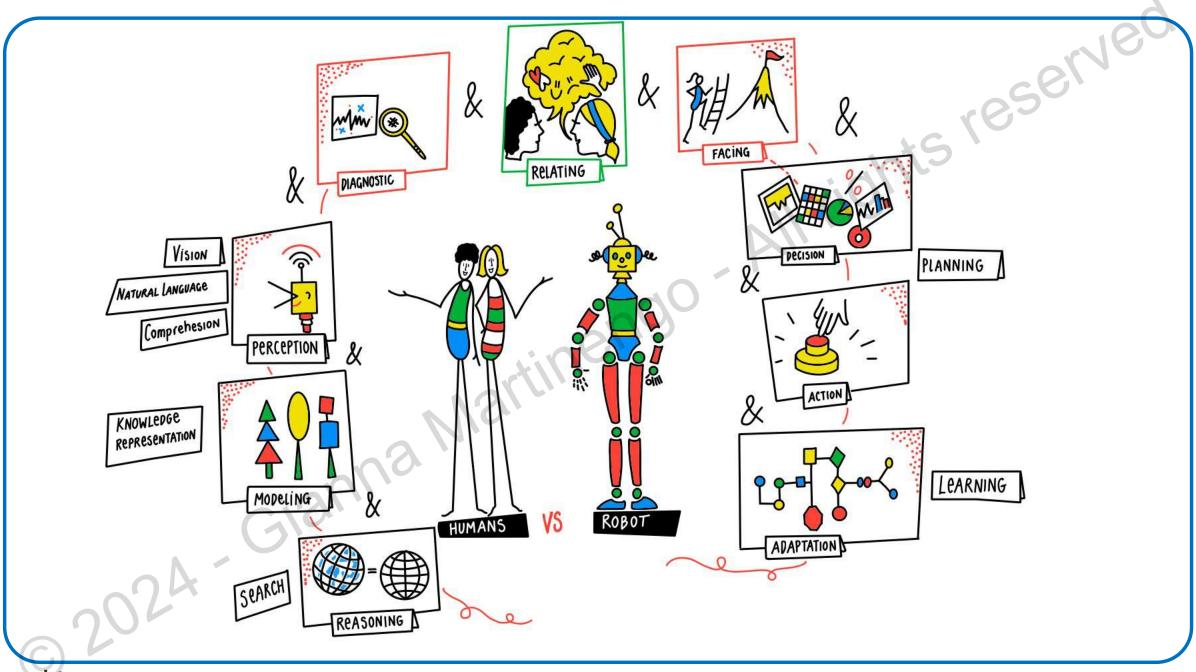


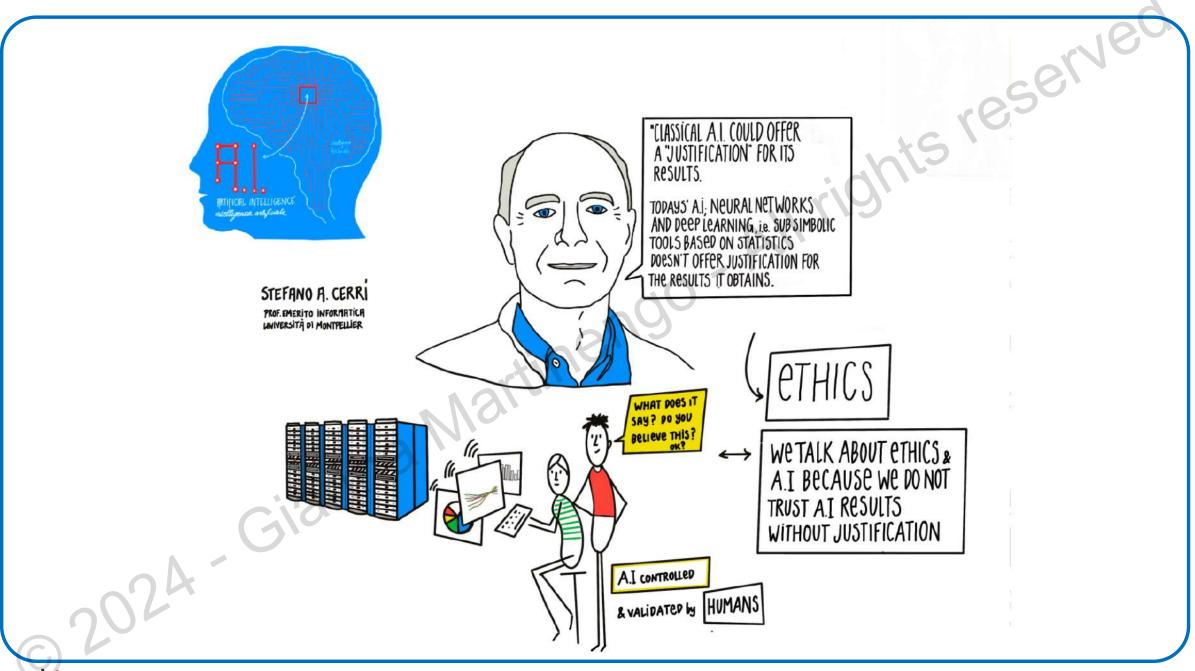
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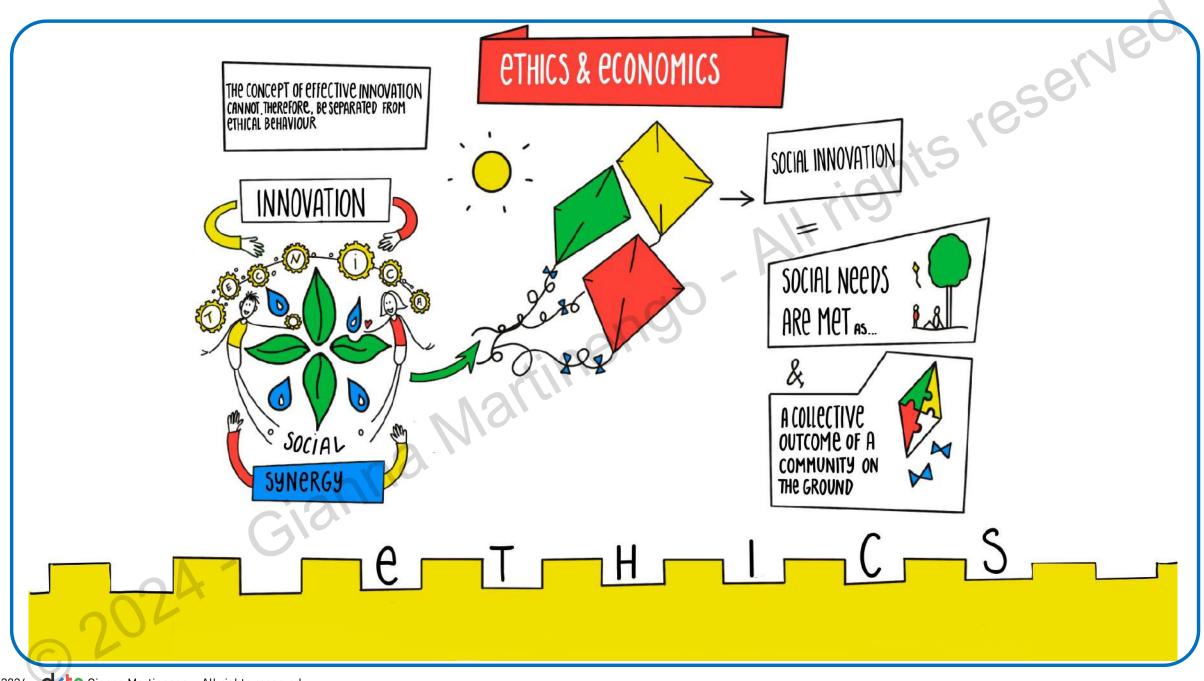




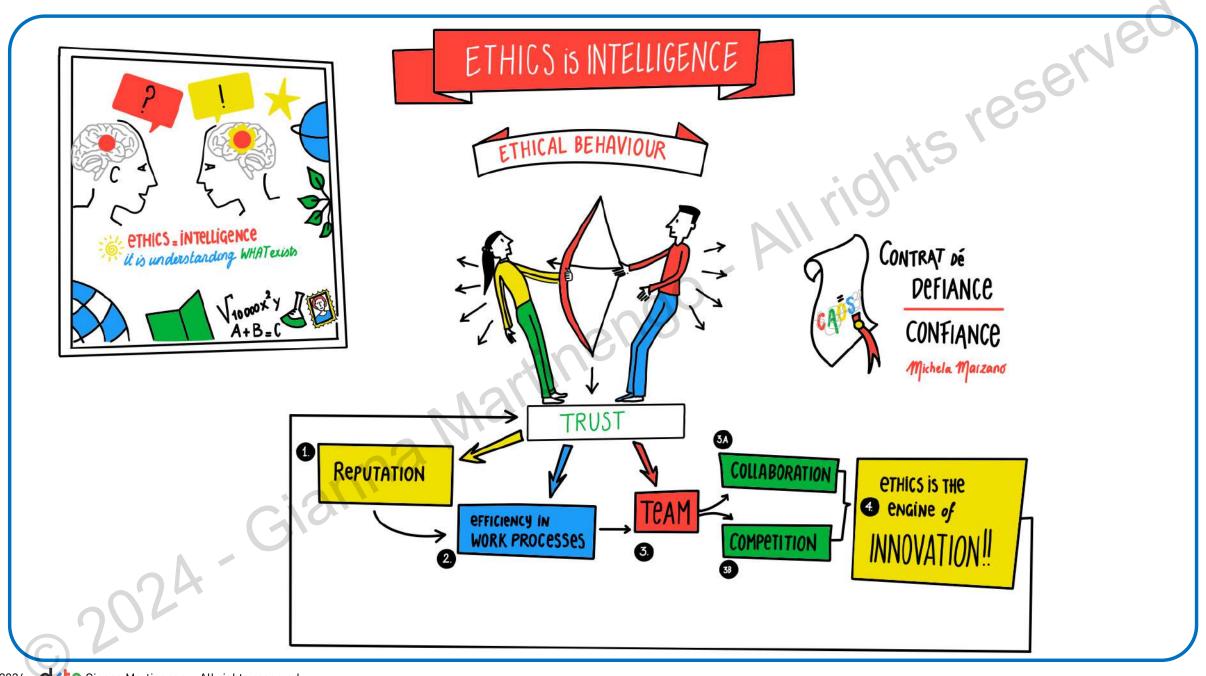
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