



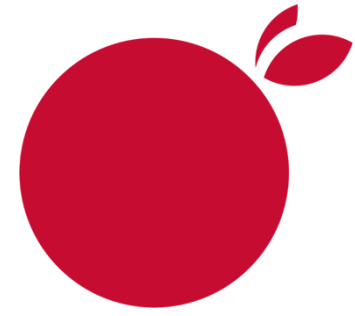
Nicosia, November 2020

Manzalab

Digital tools and virtual presence

MANZALAB - 108, Rue Saint-Honoré 75001 Paris

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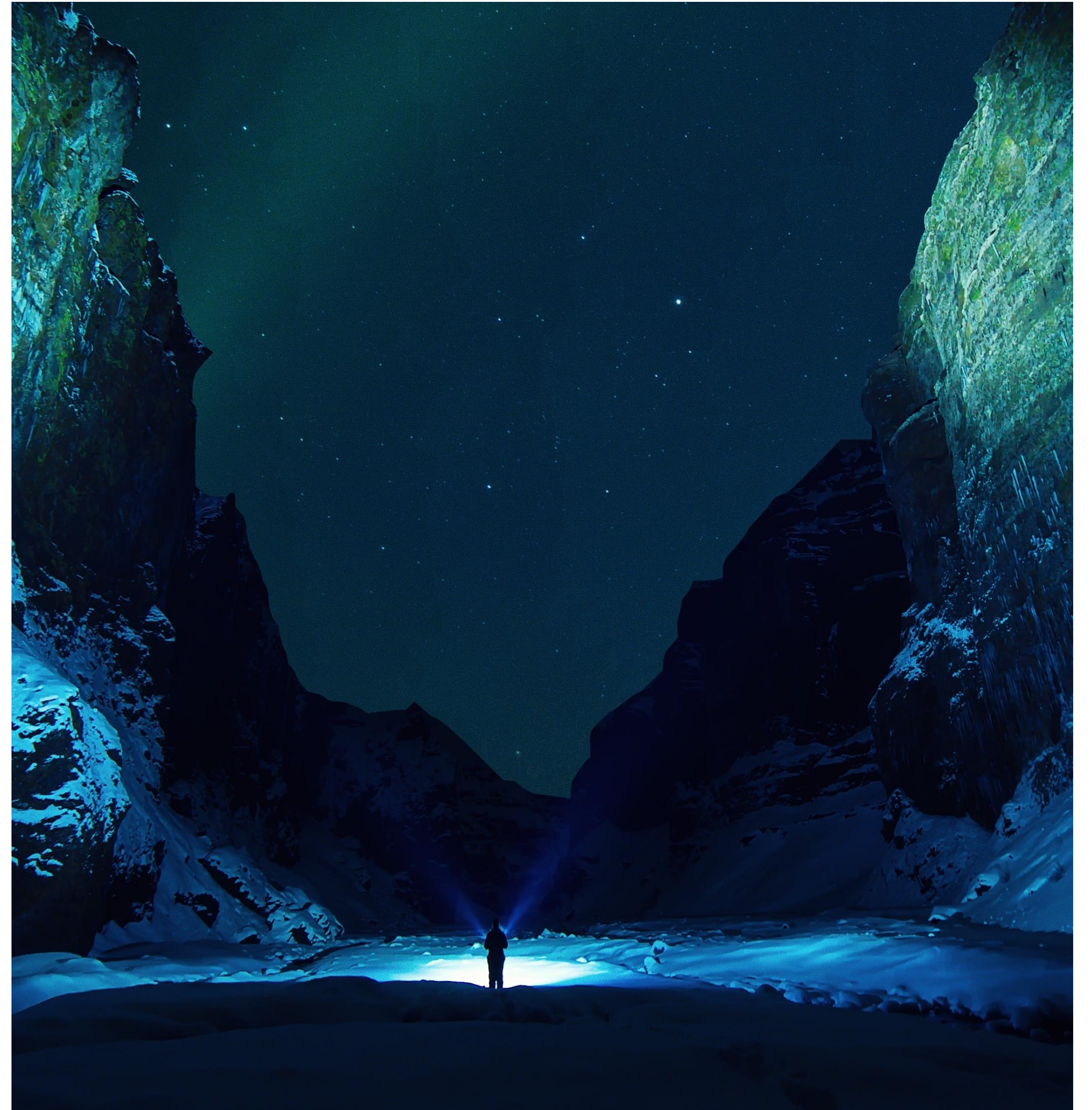
MANZALAB
PORTFOLIO OF DIGITAL EXPERIENCES

Summary

- + Manzalab Presentation
- + Our Digital Interactive Tools
- + Teemew VR Collaborative
- + Teemew Mobile
- + Virtual Presence

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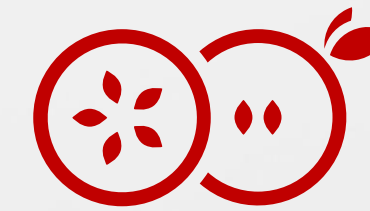
MANZALAB PRESENTATION

Manzalab DNA

Digital Learning experts.

Pioneer in Digital training for the last **10 years**, Manzalab combines **neurosciences**, **gamification** and **new technologies** to offer you even more **immersive** and **impactful experiences**.

Manzalab offers **on-the-shelf solutions** and **custom services**.



Manza(na)

“Apple” in Spanish

Knowledge - Pleasure - Transgression

Game design - Storytelling - Emotion

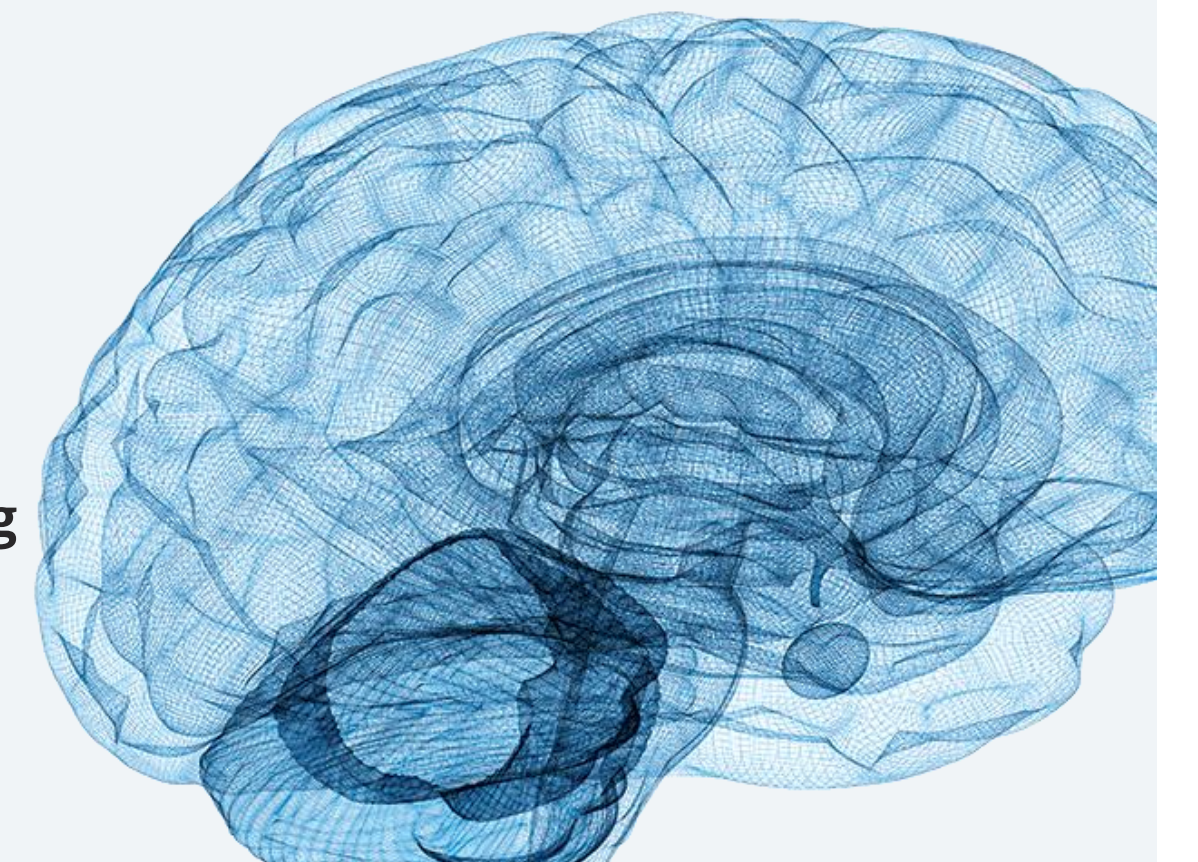


Lab

Significant R&D Investments

Neurosciences - 4 pillars of learning

Immersive technologies



MANZALAB PRESENTATION

Manzalab in numbers



+120
Clients



25
CAC 40 grade clients



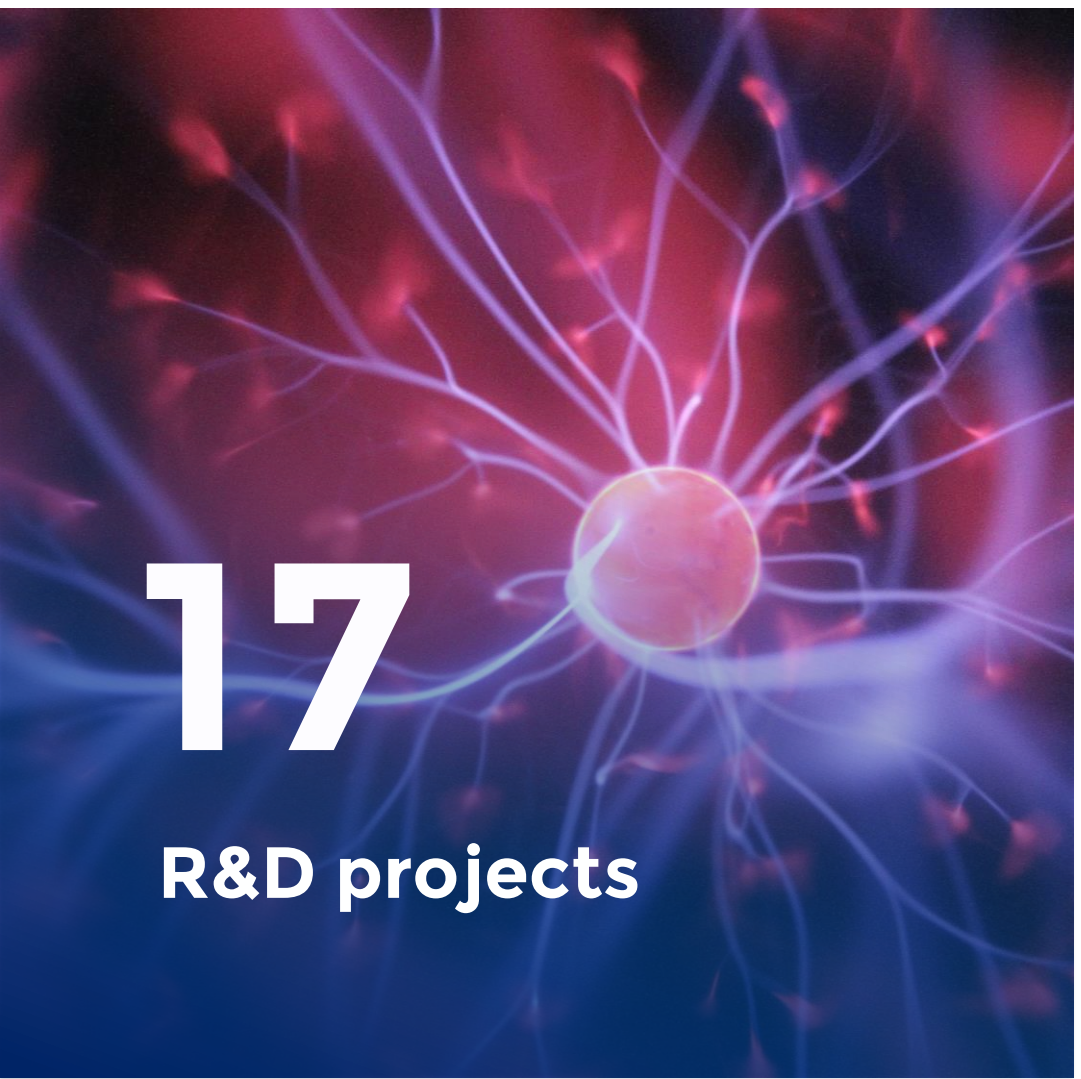
+250
Productions



25
Deployed in 25 countries



+10
Awards



17
R&D projects

More than 120
clients and
partners trust
us...



MANZALAB PRESENTATION

Our Digital Interactive Tools



...to (in)form,
engage, share, mesure, anchor and
augment:

+ Teemew VR Collaborative



+ Teemew Mobile



OUR DIGITAL INTERACTIVE
TOOLS

Teemew VR Collaborative



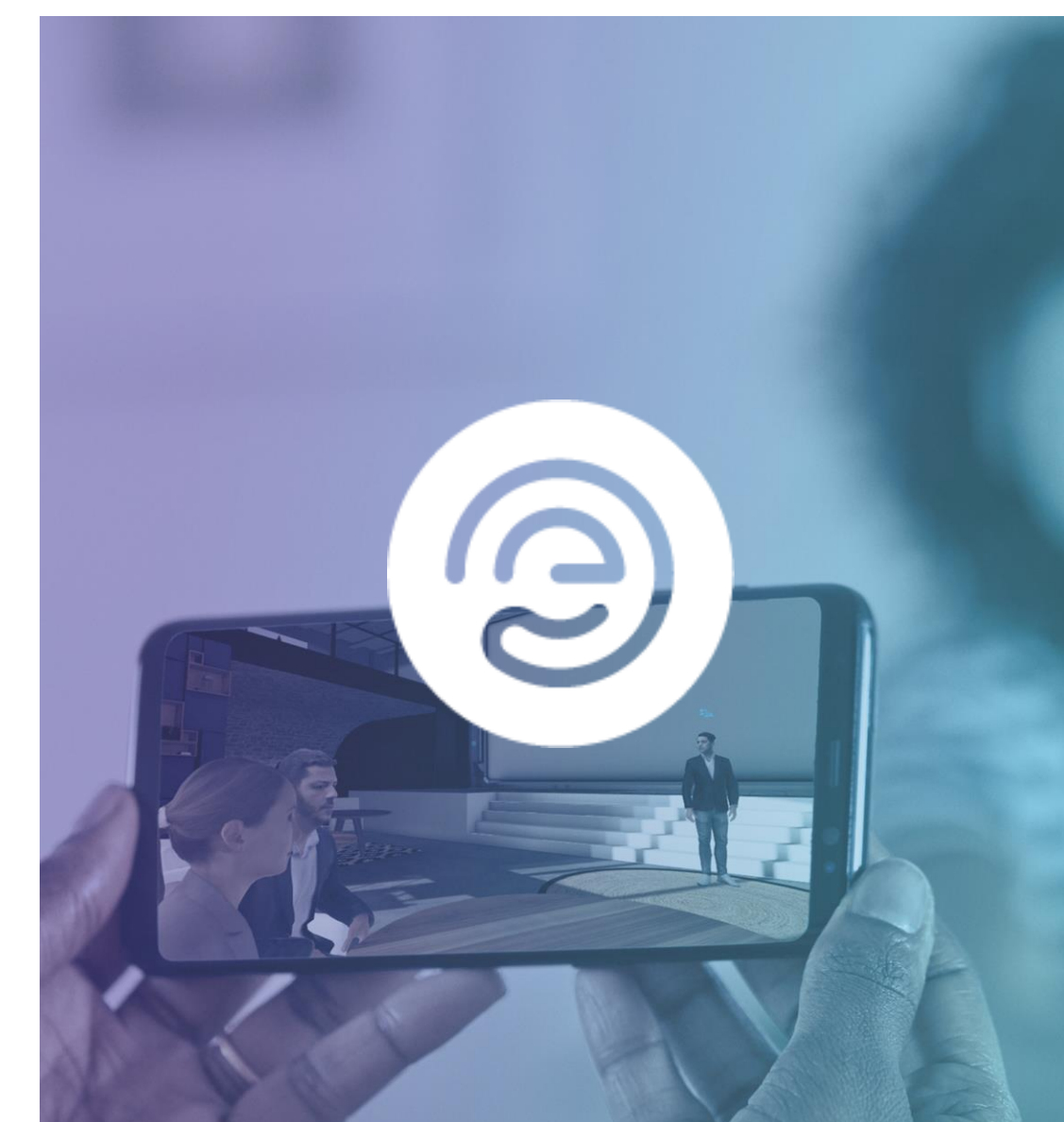
A virtual meeting room to meet, exchange, share and co-create remotely.

- A large virtual screen to project your documents, videos and images
- A classroom configuration to host a meeting
- A configuration in “islands” to host plenary and sub-working groups
- Automated generation of personalized avatars
- Audio note-taking to facilitate debriefings
- An administrator platform to create, manage and host meetings
- Manzalab accompanies you from the customization of the solution to its deployment and use over time



OUR DIGITAL INTERACTIVE
TOOLS

**Teemew
VR
Collaborative**



OUR DIGITAL INTERACTIVE
TOOLS

Teemew Mobile



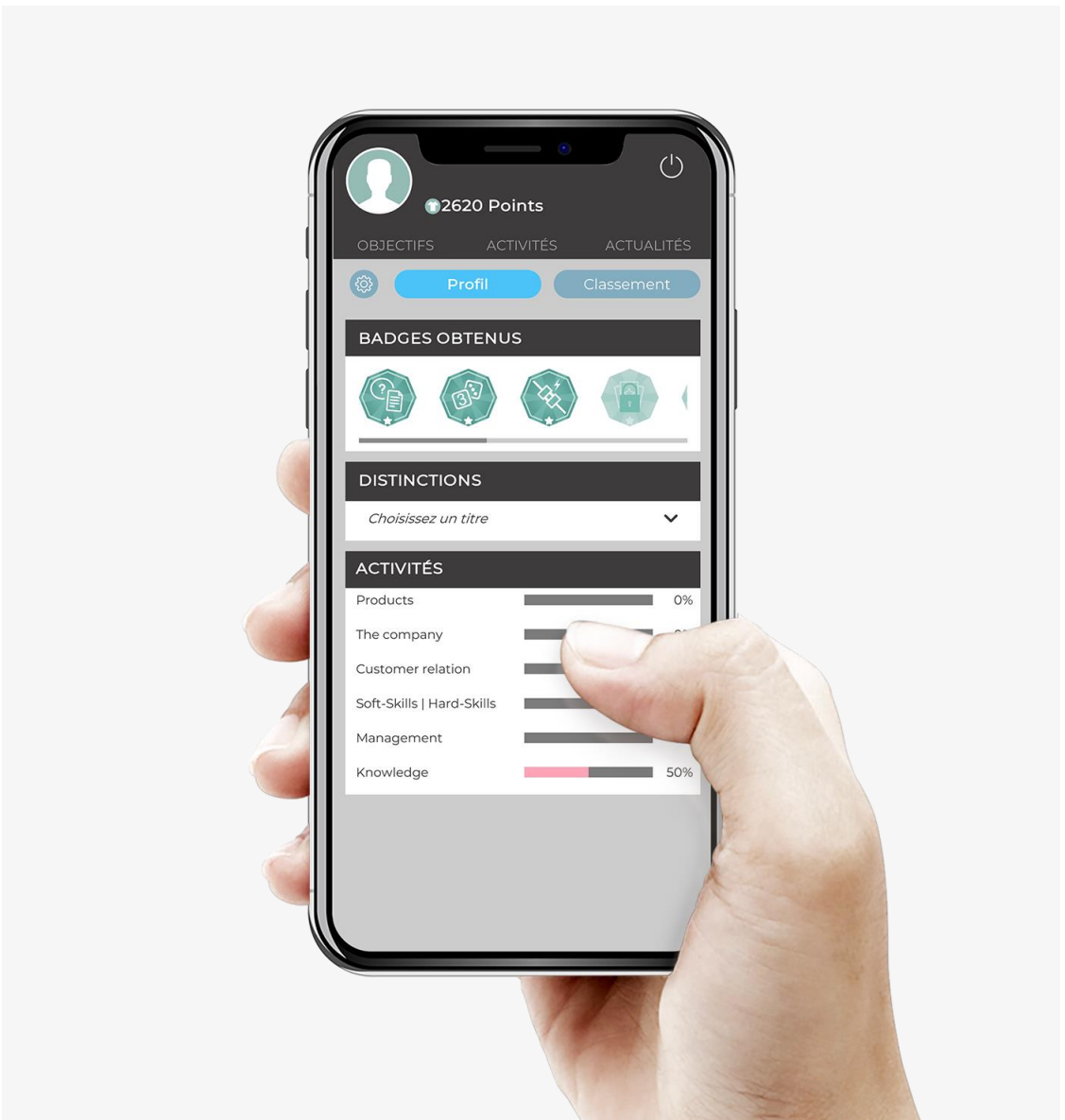
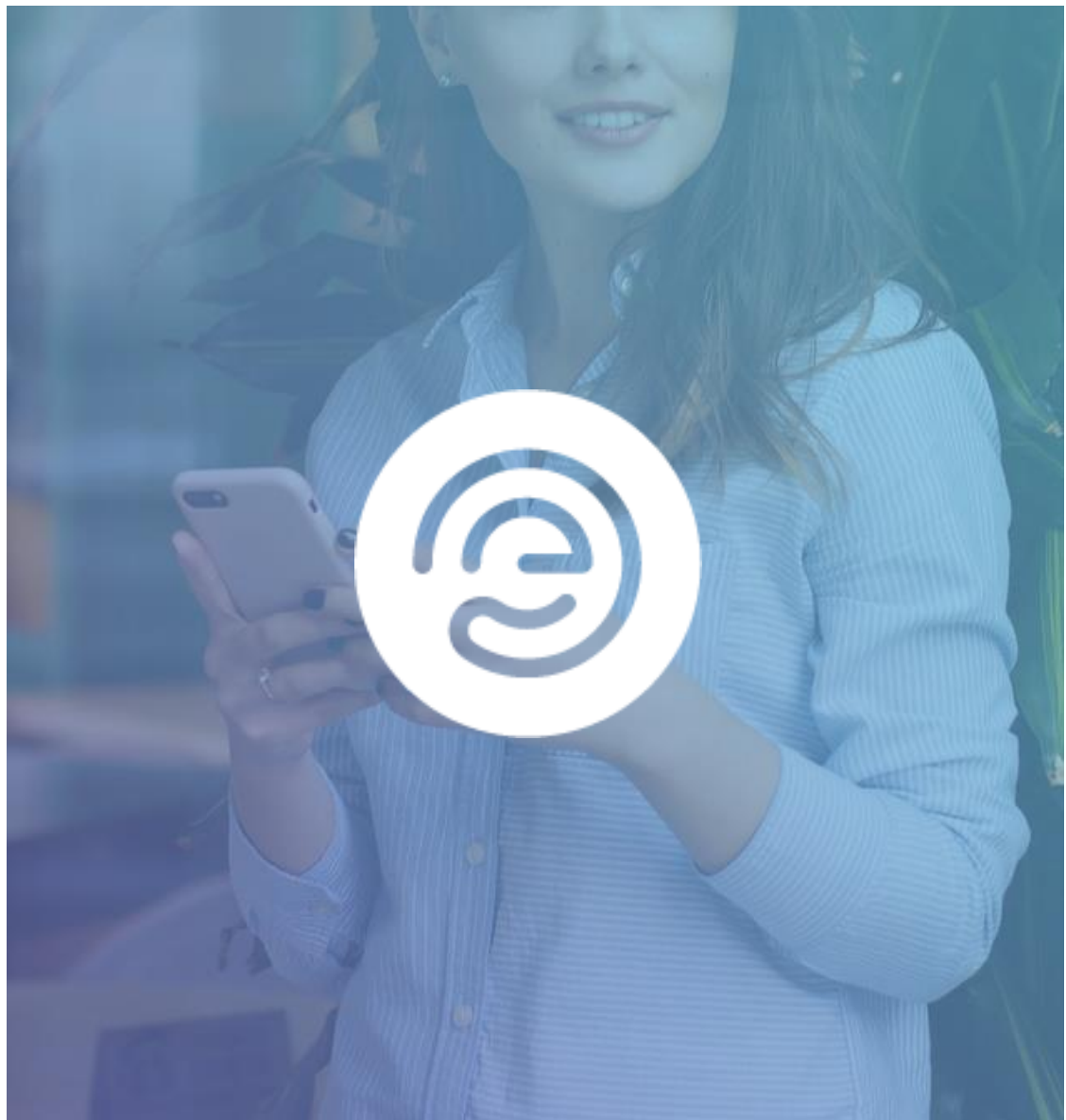
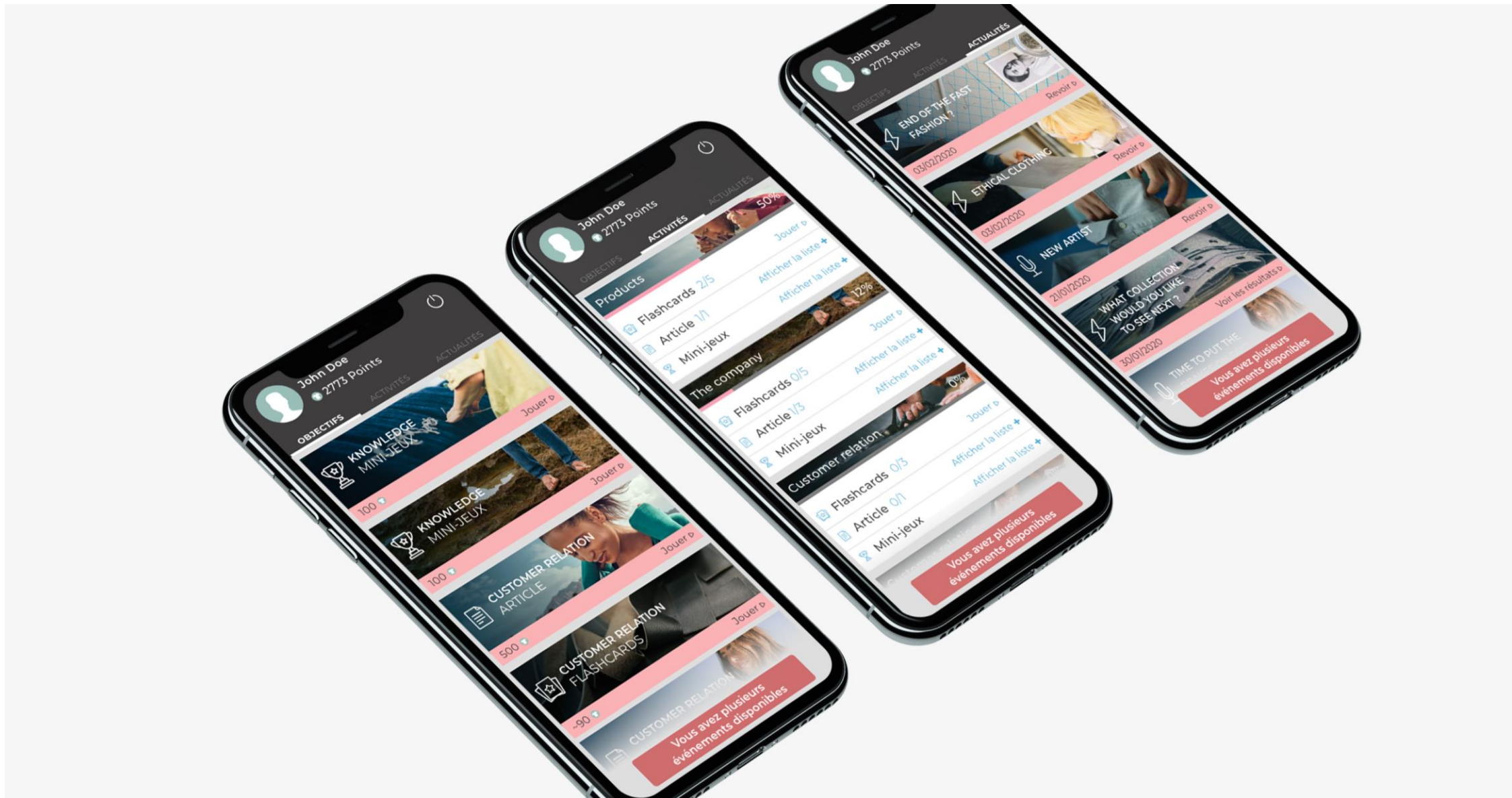
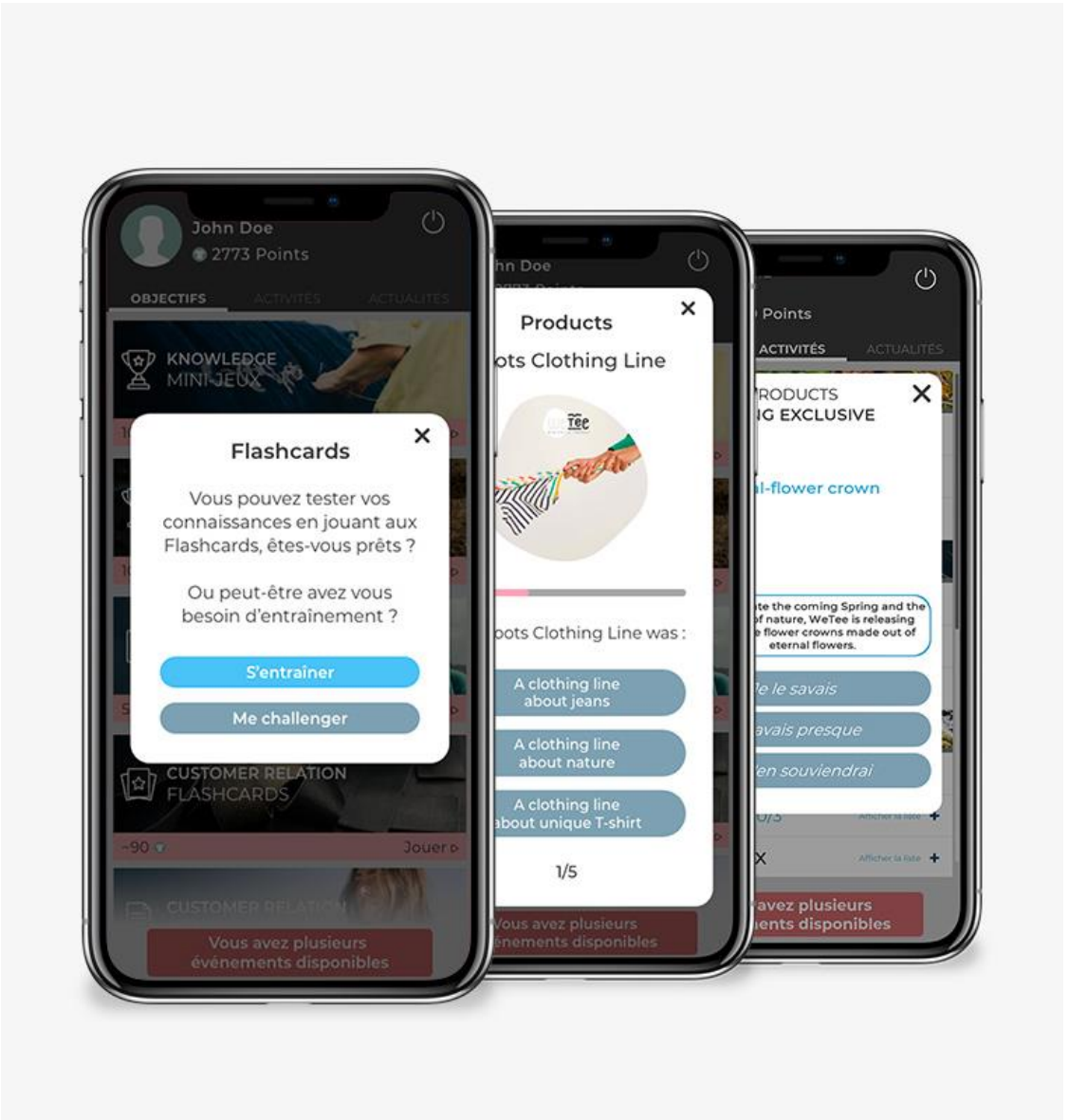
A gamified mobile application to train and inform your students

- Training journeys to structure your content
- Quizzes and mini-games to anchor the knowledge acquired through the game
- Algorithms to offer the right content to the right learner
- A live space to communicate and bring people together around an event
- Statistics to follow the progress of your learners
- An administrator platform to create content and bring it to life
- Manzalab accompanies you from the customization of the solution to its deployment and use over time



OUR DIGITAL INTERACTIVE TOOLS

Teemew Mobile



MANZALAB PRESENTATION

What is virtual presence?



“Virtual presence is the very sense of physical presence in a virtual environment”

(Mel Slater 2009)

Three elements to create virtual presence

- **Spatial presence**
- **Self presence**
- **Social presence, aka virtual co-presence**

VIRTUAL PRESENCE

What about virtual co-presence?



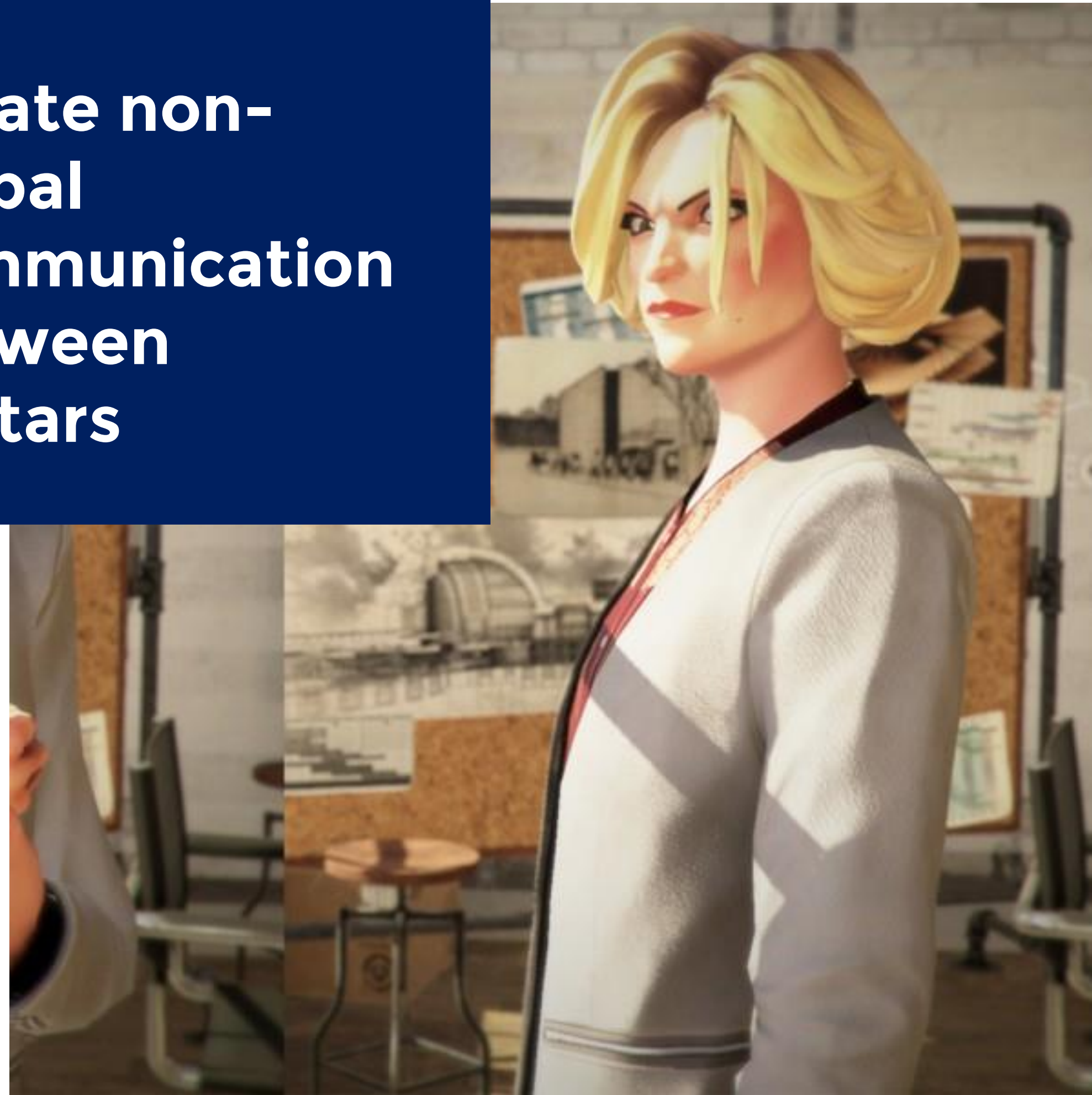
Virtual co-presence is the very realistic feeling that other people embodied with us in a virtual space exist.

Three aspects to reach virtual co-presence

- **Spatial co-presence**
- **Spatialized sound**
- **Non-verbal communication**

VIRTUAL PRESENCE

Create non-verbal communication between avatars



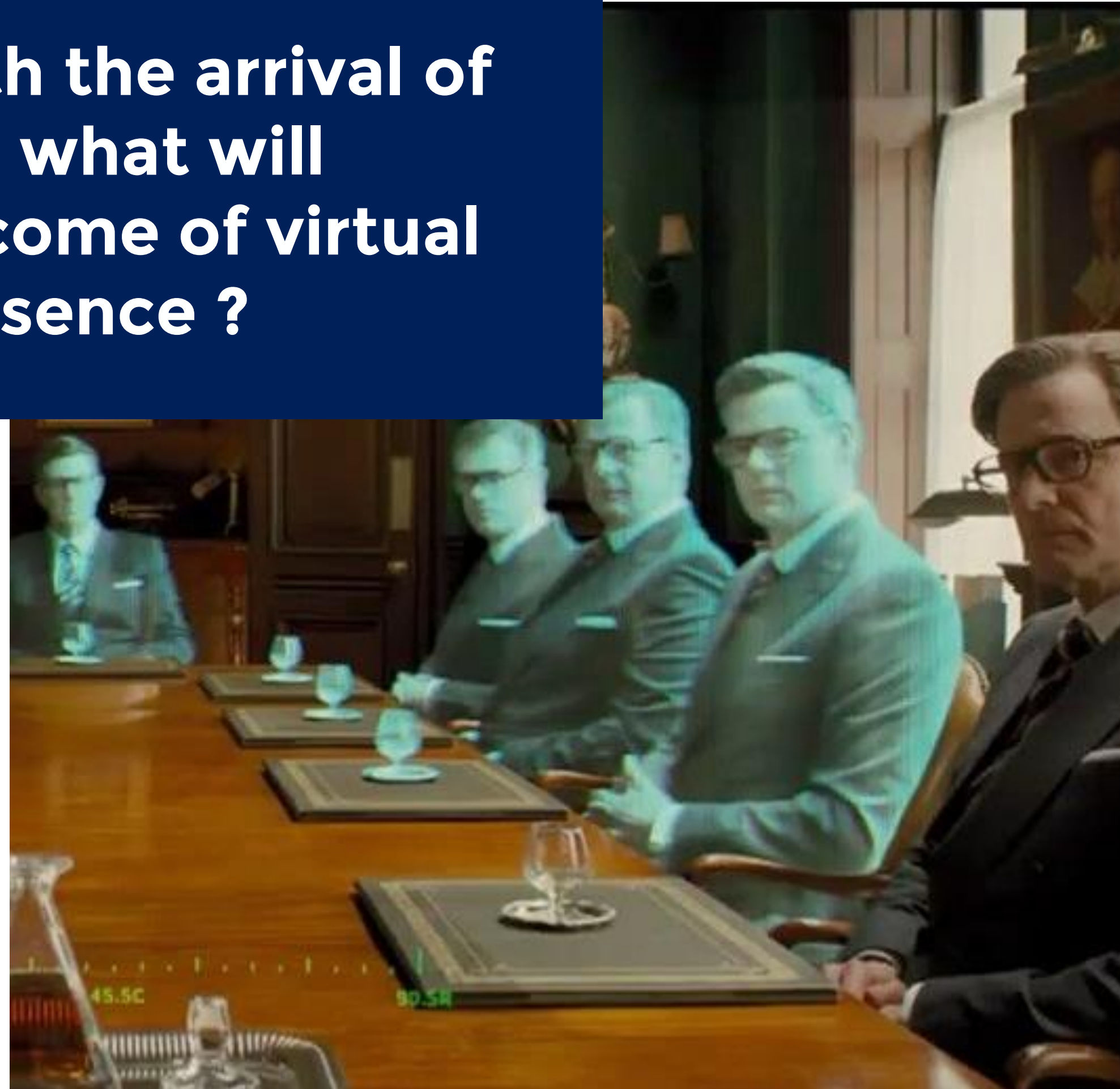
During a conversation considered as emotional, only **45%** of what is perceived passes through **the voice**, the rest **55%** is **visual**.
This is called **non-verbal communication**.

With a virtual reality headset, non-verbal information can pass through

- **Face**
- **Body**
- **Solicitation of other senses**

VIRTUAL PRESENCE

With the arrival of XR, what will become of virtual presence ?



All the remaining non-verbal communication will be present



The spatial computing cameras will be able to follow the body, hands and face



Being physically present and teleporting together to a virtual place



Mix between real and virtual co-presence



Teleportation in real places filmed with 360 cameras



Possibility to permanently change our own appearance for the other eye-glasses bearers

VIRTUAL PRESENCE

Virtual presence in an international context



The benefits of virtual presence in international meetings

Location related to the topic of the meeting

Multiple avatar appearances at the same time

Cultural animations for your avatar

Subtitles for everything that is said

Instant translation possibility

AI synthesized voice

PORTFOLIO MANZALAB

Thank you for your attention

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