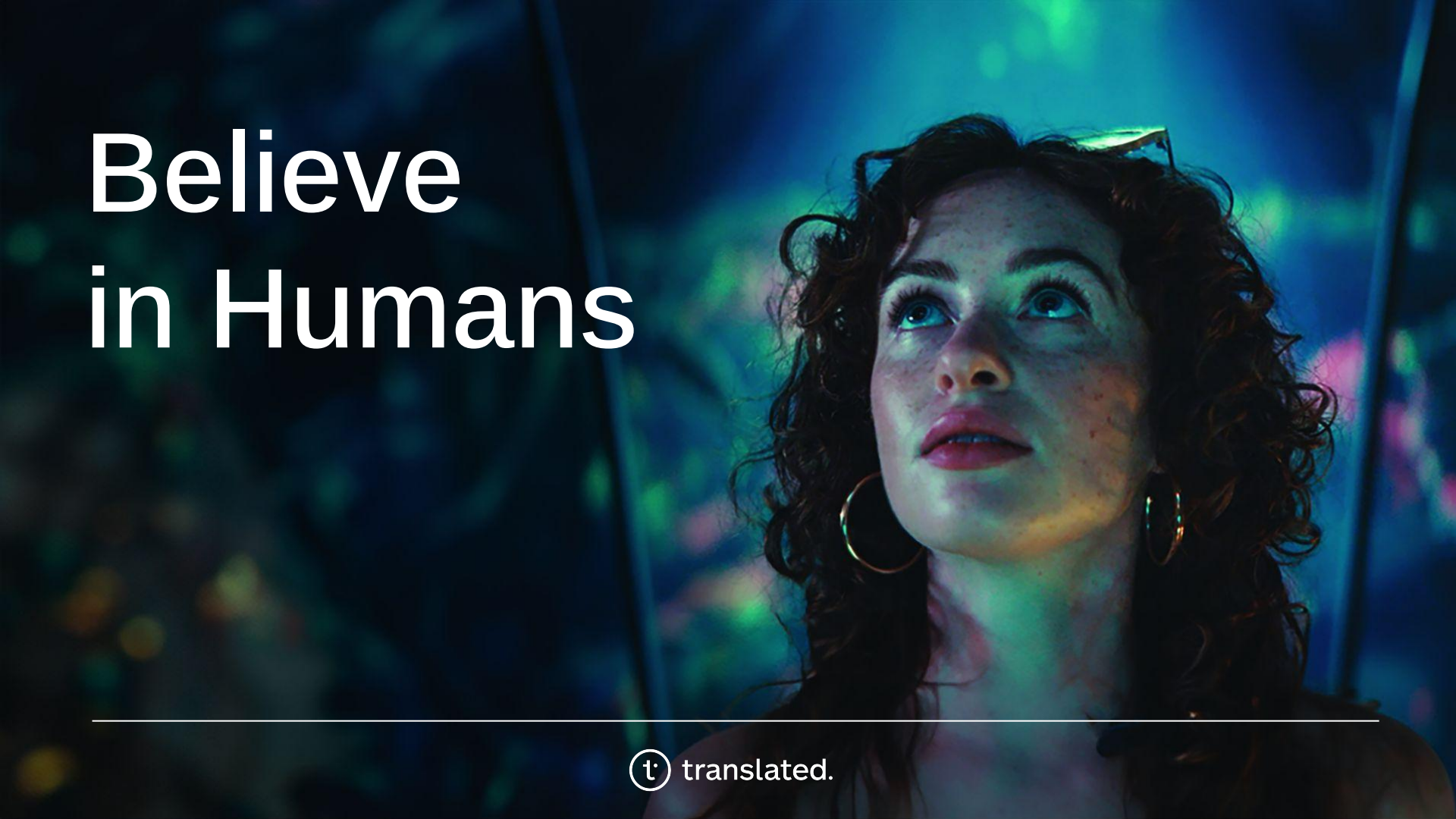
Believe in Humans



translated.

1.Humans and Language

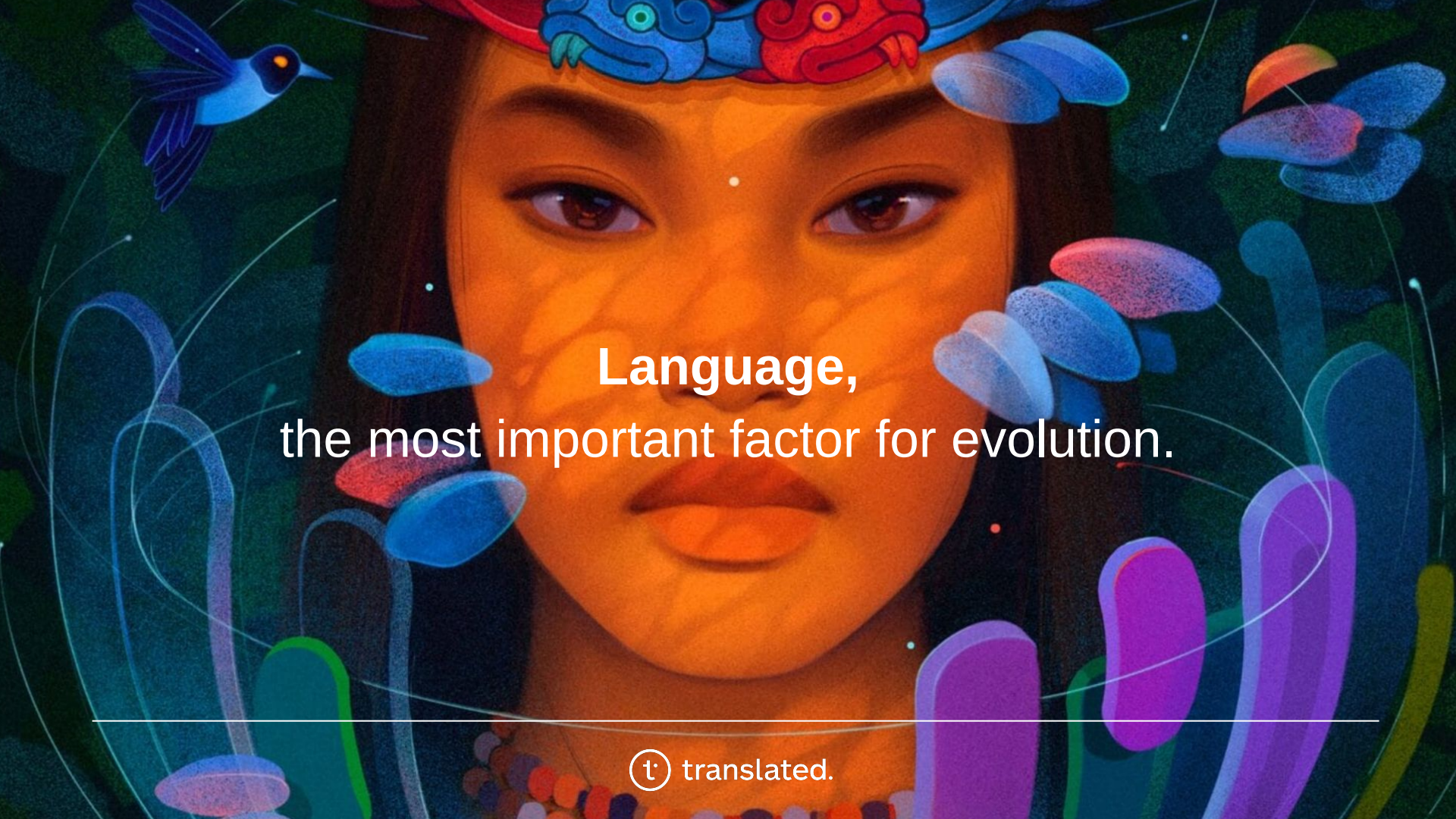
The Role of Language

Key role of language in AI as a predictor of what will happen across the broader tech sector

translated.

Why is **language** so important?

Even the **simplest biological** units have developed **motor control.**


Language,
the most important factor for evolution.
translated.

Understand and be understood

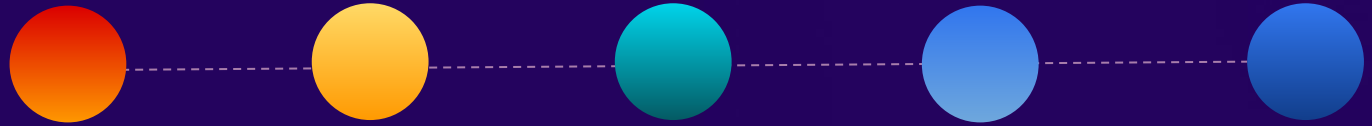
2.Evolution of AI

1936 - Alan Turing

Enigma as a language translator

translated.

HCI in Language Translation



1999

Started Translated

2006

The **first AI** to really help Translators

2011

Adaptive Machine Translation

2017

Transformer, larger context.

2025

Approaching **singularity** on written text.

What is it happening
in **language** now?

So that we can predict
what is going to happen.

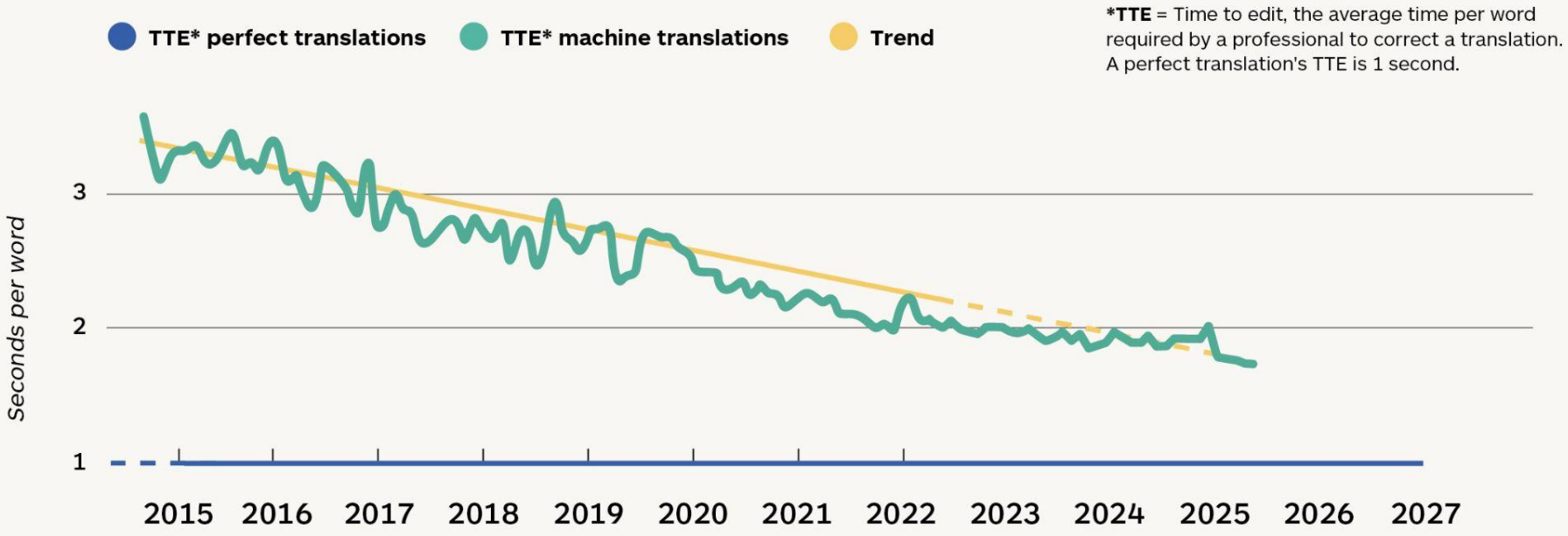
	Computation	Data	Algorithm
AMTA 2022		**100B** words	**TRANSFORMER** Adaptive
Human equivalence		**1T** words	**10X**

	Computation	Data	Algorithm
AMTA 2022		**100B** words	**TRANSFORMER** Adaptive
2025		**10T** words	**MoE (x5)**
Human equivalence		**1T** words	**10X**

Progress to AI in Singularity

Measured using Time to Edit in machine translation.

translated.



Source: Translated's data from **2B** sentences edited by **136K** top translators using Matecat and ModernMT.

AI Milestones

translated.

AI Milestones

Perception

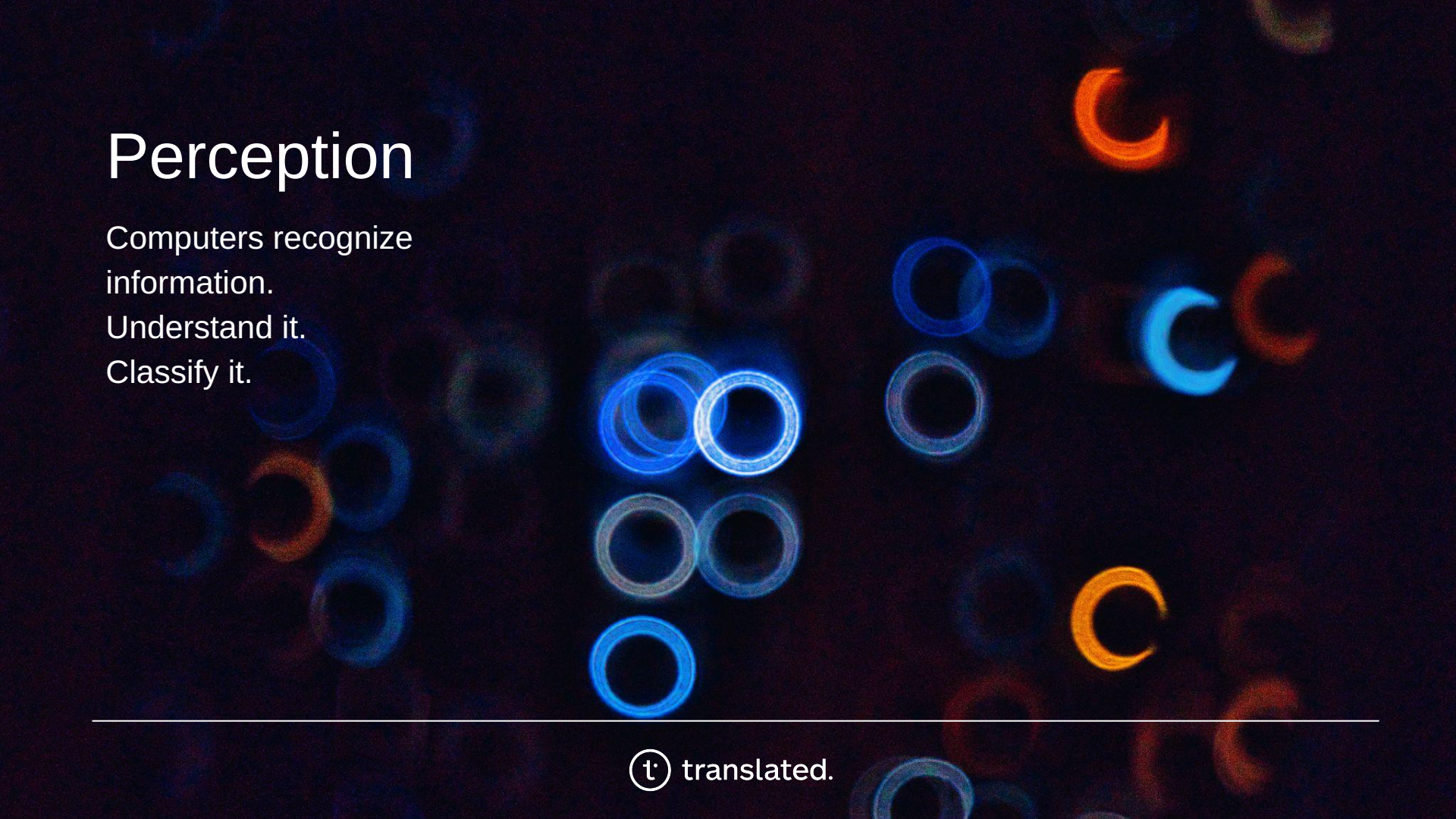
Gen AI

Digital Agents

Physical Agents

Perception

Computers recognize information.
Understand it.
Classify it.



AI Milestones

Generative AI

Multimodal, an AI able to learn both images and Language.

The ability of AI to be multimodal as well as able to translate and generate content enabled the Generative AI revolution.

AI Milestones

Perception

Gen AI

Digital Agents

Physical Agents

Agentic AI in the Digital World

It’s the ability to understand, perceive, reason, plan, solve problems step by step, explore, acquire new information, seek support, and use tools.

Today, all of this is made possible by Agentic AI.

translated.

AI Milestones

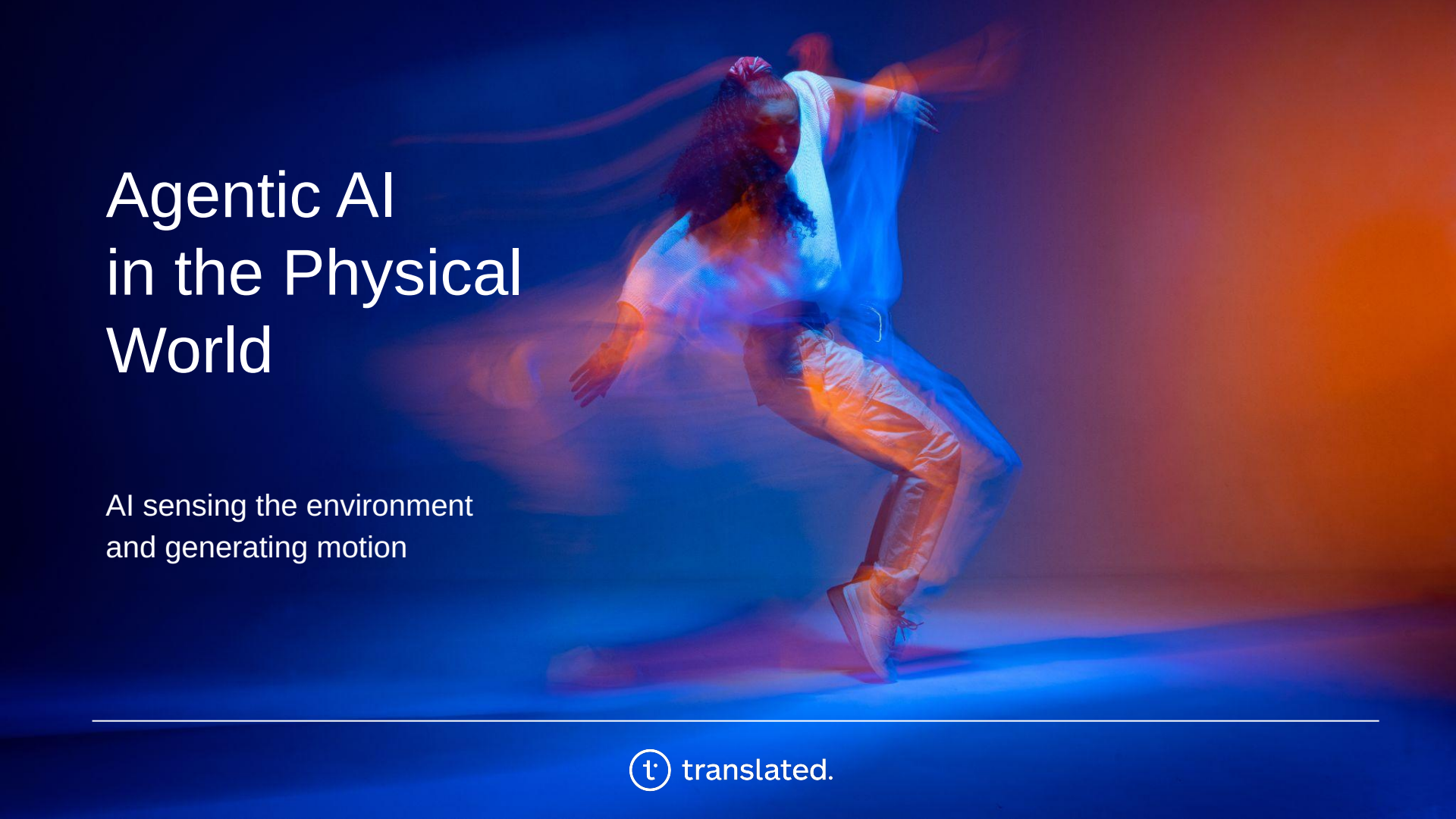
Perception

Gen AI

Digital Agents

Physical Agents

Agentic AI in the Physical World



AI sensing the environment and generating motion

translated.

Impact on Translation

Translation Memories are becoming useless

Context, Errors, Sync

translated.

What’s new in Human Computer Interaction?

It’s trust.

translated.

Lara beta
by translated

Translate | About Lara | Pricing | Support

MT

Translate text

Translate documents

Incognito mode

English

Add context

Italian

Faithful

Type or paste your text here

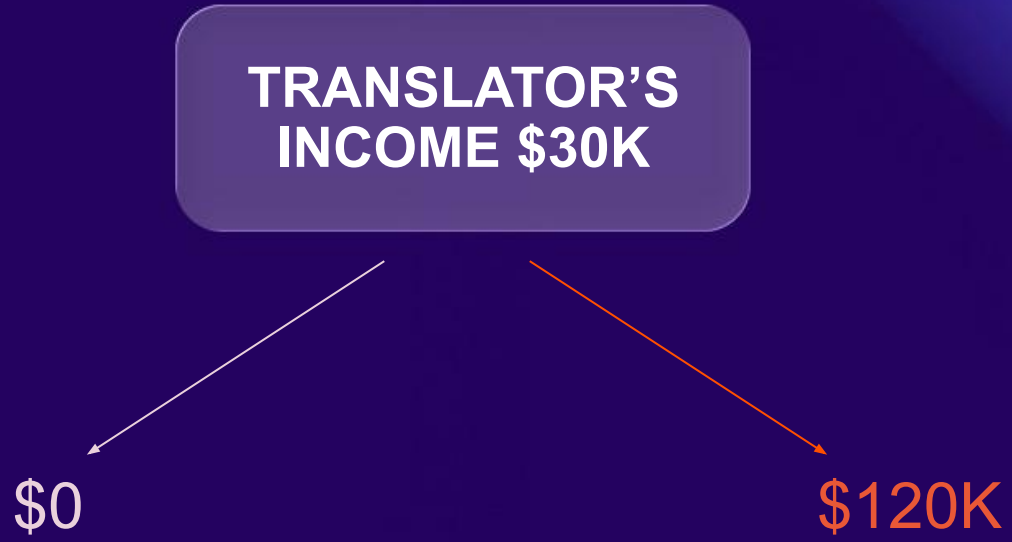
Translation

By translating with Lara, you agree to our Terms and have read our Privacy Policy.

Translation has a big latent demand

Polarization in Wealth

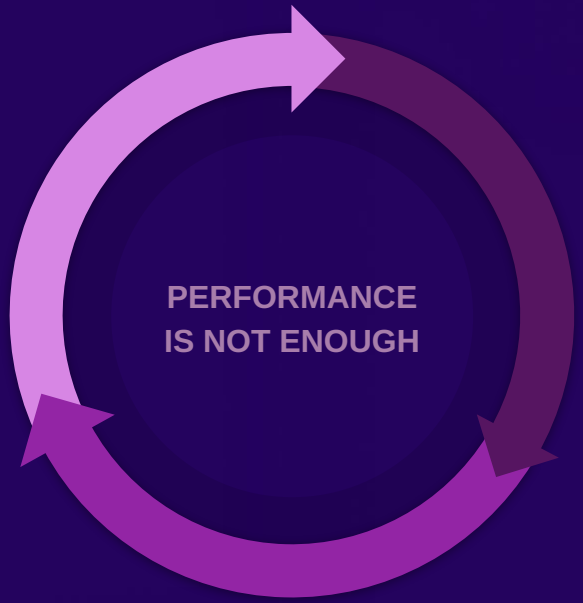
- AI risks amplifying inequalities between rich and poor.
- Access to AI tools = opportunity vs exclusion.
- Building inclusive products means fair access and design for all.


TRANSLATOR'S INCOME $30K
$0
$120K

Empowering humans is not enough

Sense of Purpose

AI must align with human goals, ethics, and meaning.
Beyond efficiency: empowering creativity, education, sustainability.
Purpose-driven AI serves people and society.sign for all.



The more interesting the work,
the more top translators stay with us,
and the better the quality of the data
for artificial intelligence.

Market Size	Content Type	Tier 1 (Top 10 Langs)	Tier 2 (Extra 20 Langs)	Tier 3 (Extra 30 Langs)	Tier 4 (Extra 150 Langs)
~ $0,3B	**Conversational** Chats, Support Target EPT: <20 Target Turnaround: <1s	Lara EPT (in/out): 2 / 2 Cost: $0.0001 / word Turnaround: 1 sec	Lara EPT (in/out): 8 / 8 Cost: $0.0001 / word Turnaround: 1 sec	Lara EPT (in/out): 20 / 20 Cost: $0.0001 / word Turnaround: 1 sec	Lara + Light Review EPT (in/out): 50 / 20 Cost: $0.05 / word Turnaround: Hours
~ $1B	**User Generated Content** Reviews, Social, Product Descriptions, Knowledge Bases Target EPT: <20 Target Turnaround: Hours	Lara EPT (in/out): 8 / 8 Cost: $0.0001 / word Turnaround: 1 sec	Lara EPT (in/out): 20 / 20 Cost: $0.0001 / word Turnaround: 1 sec	Lara + Light Review EPT (in/out): 50 / 20 Cost: $0.05 / word Turnaround: Hours	Lara + Mid Review EPT (in/out): 100 / 20 Cost: $0.10 / word Turnaround: Hours
~ $20B	**General Content** Technical Content Target EPT: <8 Target Turnaround: 48h	Lara + Mid Review EPT (in/out): 20 / 8 Cost: $0.10 / word Turnaround: Hours	Lara + Deep Review EPT (in/out): 50 / 8 Cost: $0.12 / word Turnaround: 24h	Lara + 2 Deep Reviews EPT (in/out): 100 / 8 Cost: $0.16 / word Turnaround: 48h	Lara + 2 Deep Reviews EPT (in/out): 200 / 8 Cost: $0.16 / word Turnaround: 48h
~ $40B	**Premium Content** Marketing, Legal, UIs and other high investment content. Target EPT: <2 Target Turnaround: 72h	Lara + 2 Deep Reviews EPT (in/out): 20 / 2 Cost: $0.16 / word Turnaround: 48h	Lara + 3 Deep Reviews EPT (in/out): 50 / 2 Cost: $0.20 / word Turnaround: 72h	Lara + 3 Deep Reviews EPT (in/out): 100 / 2 Cost: $0.20 / word Turnaround: 72h	Lara + 3 Deep Reviews EPT (in/out): 200 / 2 Cost: $0.20 / word Turnaround: 72h

What are the problems we want to solve

Perception

Solved

Gen AI

Hallucinations

Freshness

Physical Grounding

Digital Agents

Multimodality

Success Rate

Learn by doing
Learning Parallelism
Func. Connectivity

Physical Agents

Robots

Universal Modality

What are the problems
we want to solve

Universal Tokenization

Current tokenization is ambiguous and designed for text.

Processing any input from any sensor is a key feature to enable leveraging every unstructured past data and future interaction data.

What are the problems
we want to solve

Learning by Doing

AI today is trained on past data.
We need to model learning on the job.

What are the problems
we want to solve

Parallel Reasoning

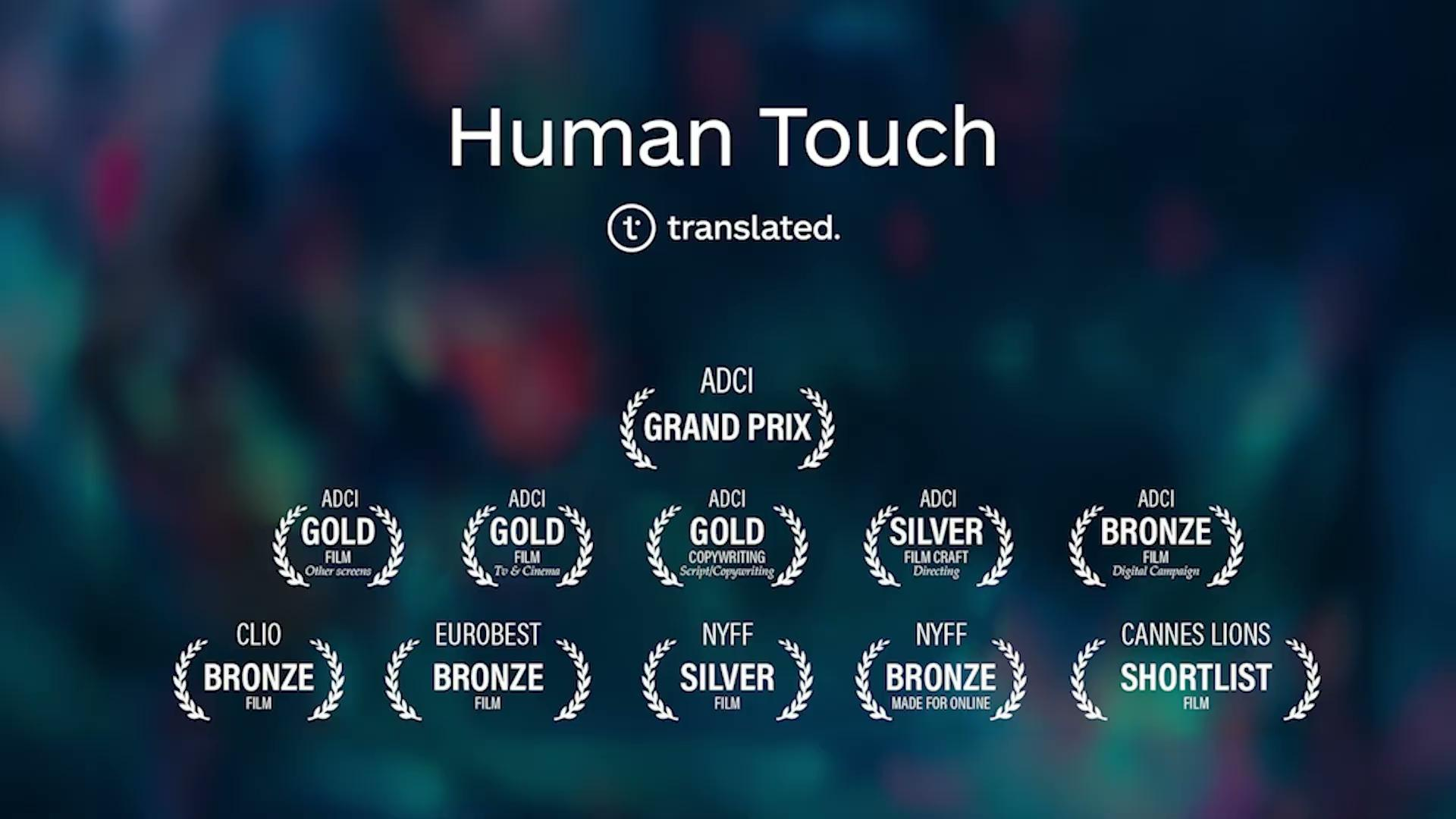
Today models reason sequentially via natural language. This is inefficient from a latency perspective and from a quality perspective. We need to move from simple expert routing (MoE) to deep interaction.

Example:
Italian: Solo 3 parole: **Non sei solo.**
English: Just 3 words: **You are not alone.**

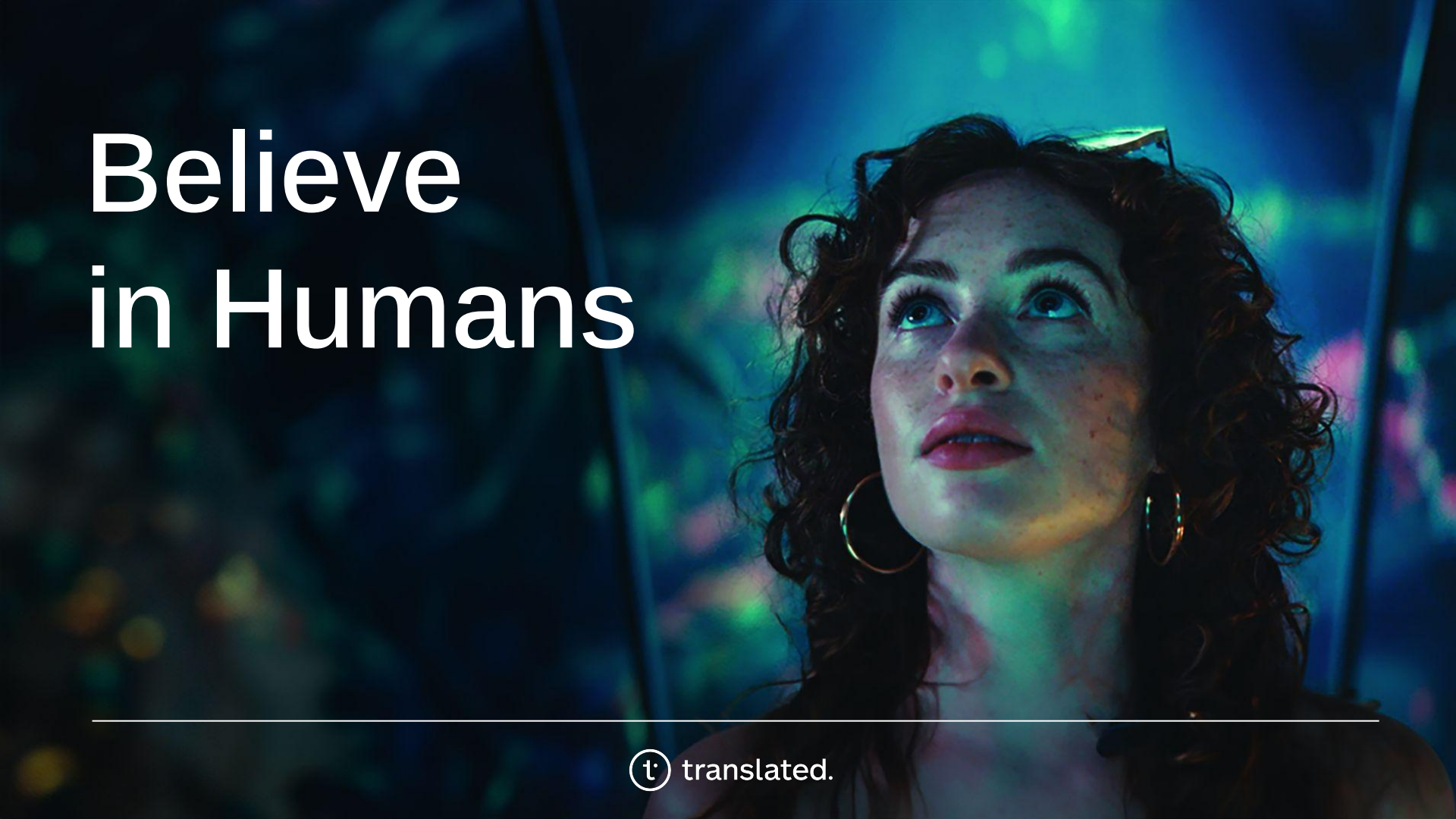
A growth phase on a
completely different scale.

Human Touch

translated.



Believe in Humans



translated.