



**SAPICS**  
THINK SUPPLY CHAIN  THINK SAPICS



*The Leading Event in Africa for Supply Chain Professionals*

**47<sup>th</sup> ANNUAL CONFERENCE**

Century City Conference Centre, Cape Town

# The Future of Learning: Games and AI in Supply Chain Training

Laurent VIGOUROUX



“Education is the most powerful weapon we can use to change the world”

*Nelson Rolihlabla Mandela*





# Are-there Supply Chain trainers in the room ?





# 10 years of Training

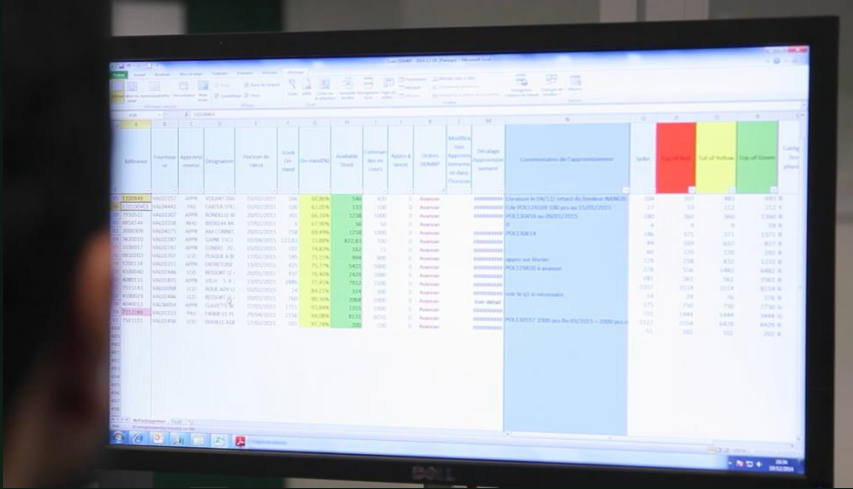


# 2013 DDMRP in Bernard Controls





# 1<sup>st</sup> DDMRP project in France







**My vision:  
All companies will use DDMRP**



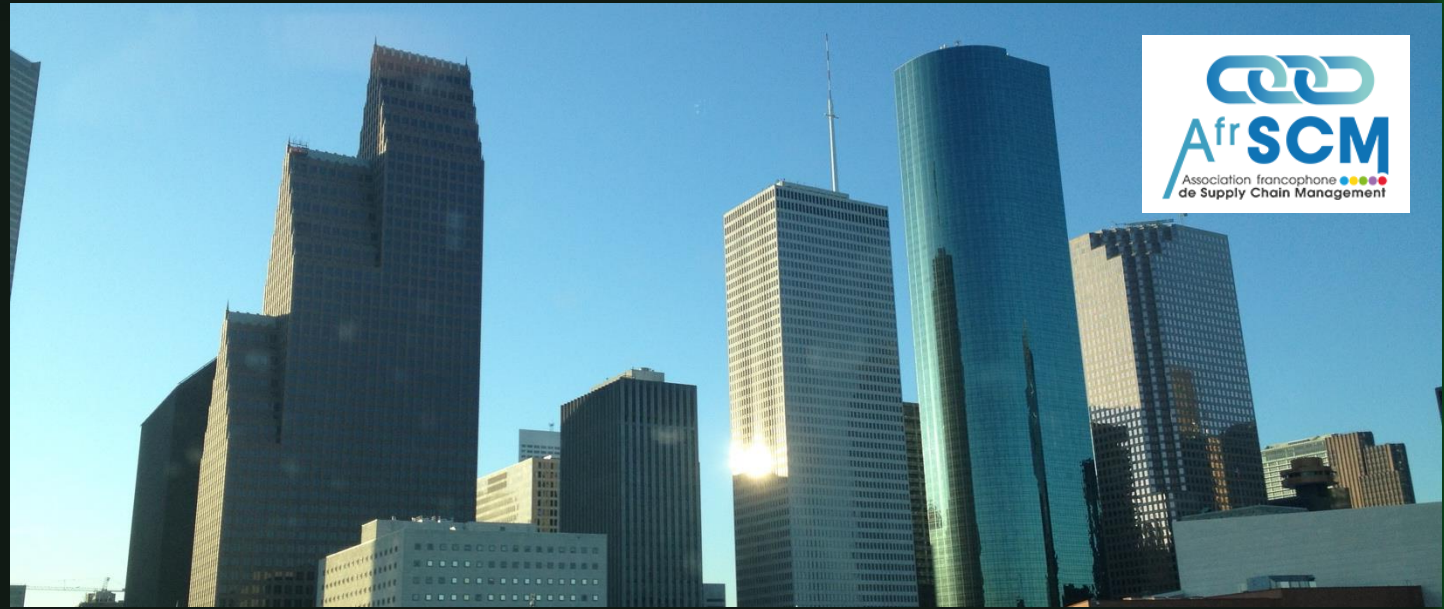
# Demand Driven World



# 2015

March 26-27

Houston, Texas



**SAPICS**  
your supply chain network  
www.sapics.org.za



**SAPICS**  
**2015**

37th Annual Conference & Exhibition

the **pulse** of africa's  
supply chains

31 May - 2 June 2015  
Sun City





**I transformed  
my life thanks  
to DDMRP**

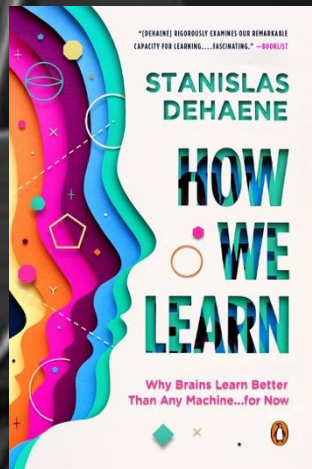




# b2wise







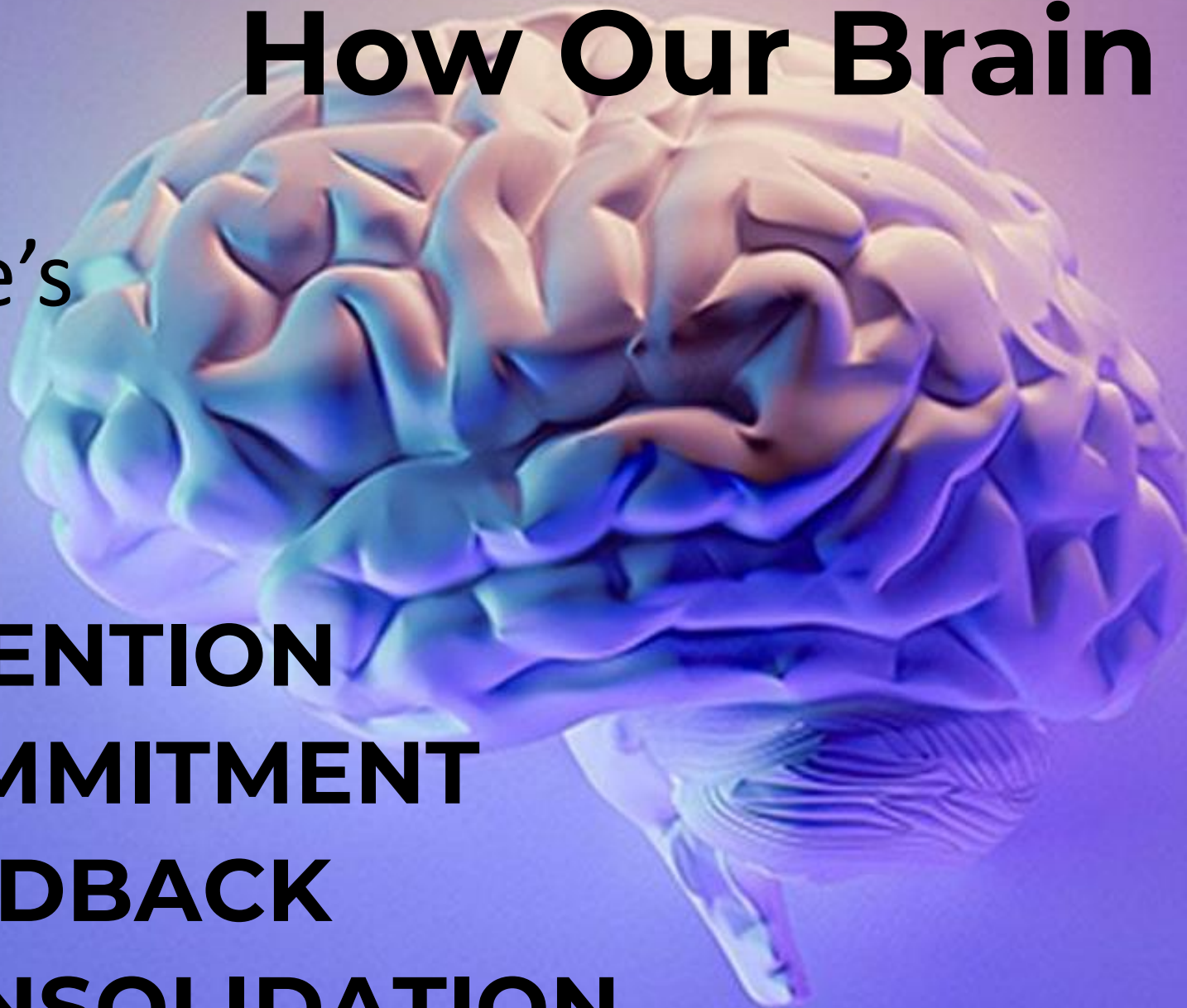
**Stalislus DEHAENE**  
cognitive neuroscientist



# How Our Brain Learns

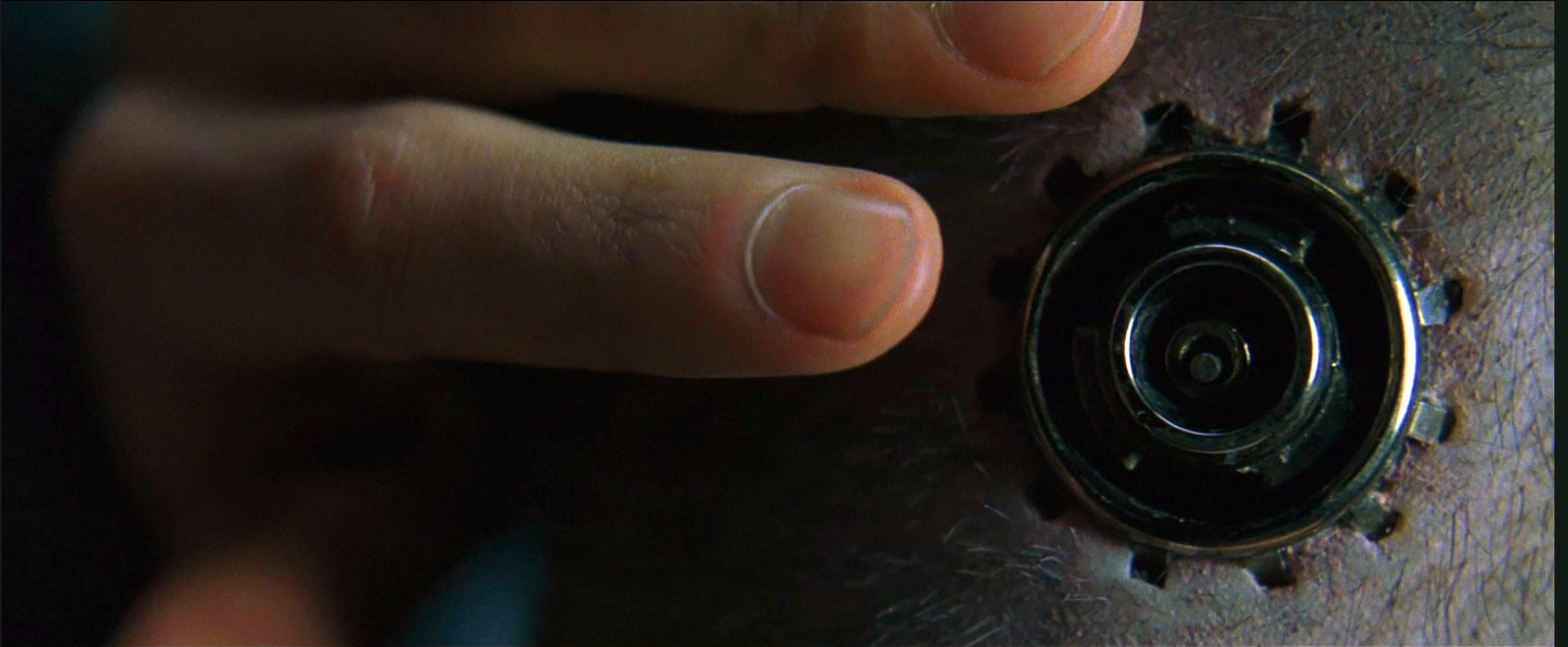
Dehaene's  
4 pillars:

- **1. ATTENTION**
- **2. COMMITMENT**
- **3. FEEDBACK**
- **4. CONSOLIDATION**





# ATTENTION





# Idriss ABERKANE

PHD in Neuroscience

**Idriss  
ABERKANE**

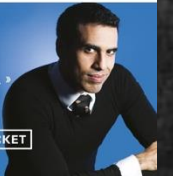
## LIBÉREZ VOTRE CERVEAU !

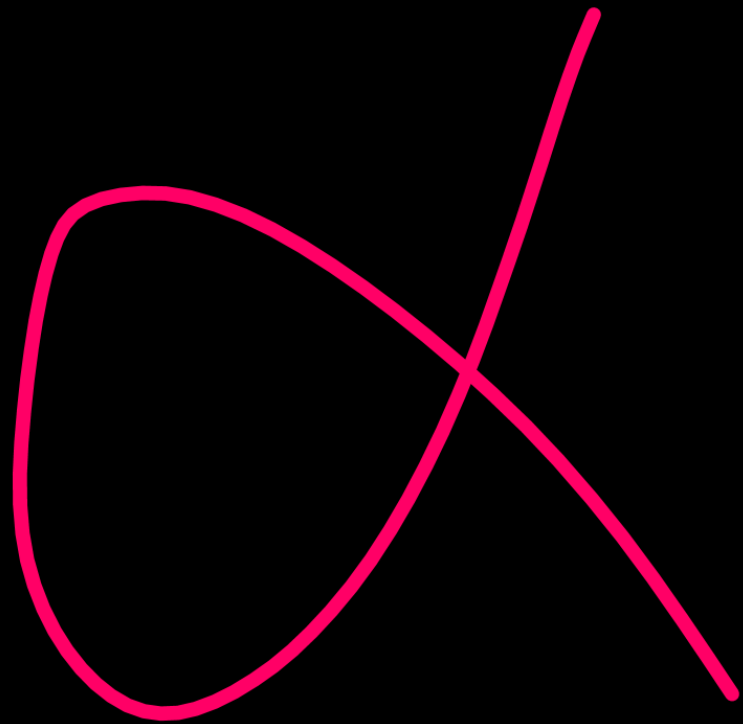
Traité de neurosagesse pour  
changer l'école et la société

« UN LIVRE  
DÉTONNANT ET  
ENTHOUSIASMANT. »

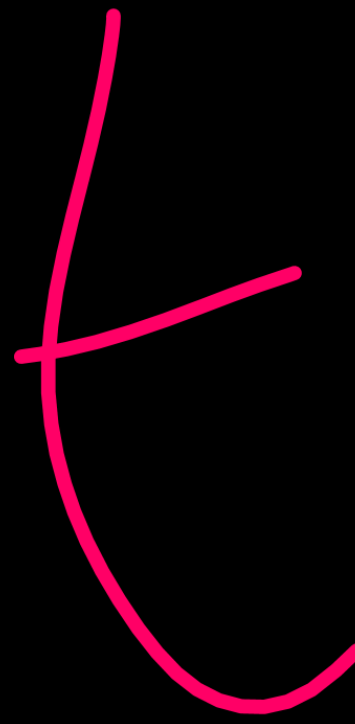
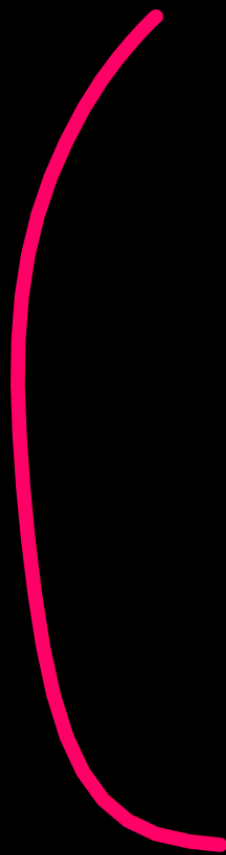
PSYCHOLOGIES

POCKET

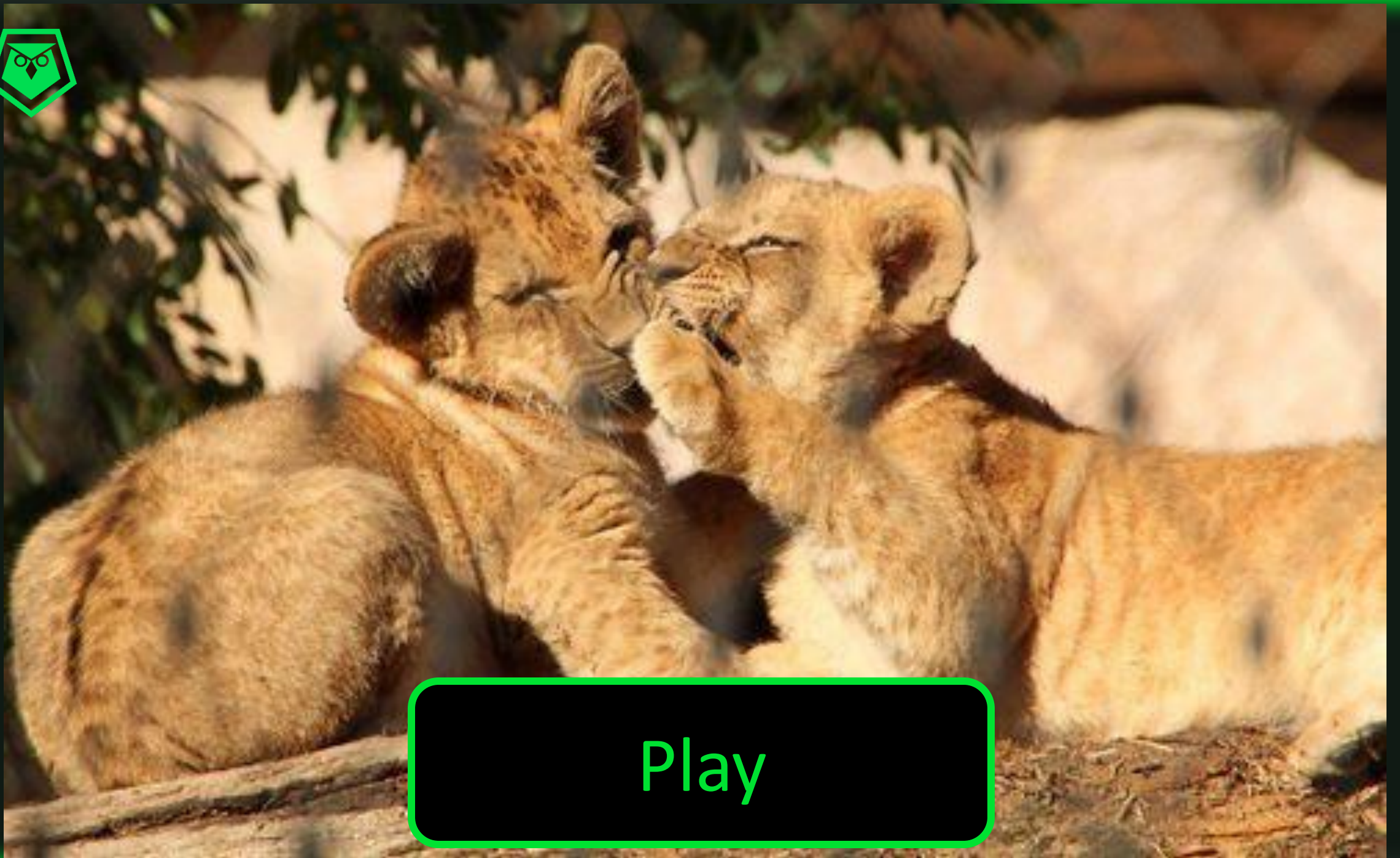




ATTENTION



TIME



Play



Play





Play

=

Max  $\alpha$  (E)



*So...*

let's play !



# Kahoot!





# COMMITMENT



**DDERIX<sup>®</sup>**  
FACTORY

## Traditional Training



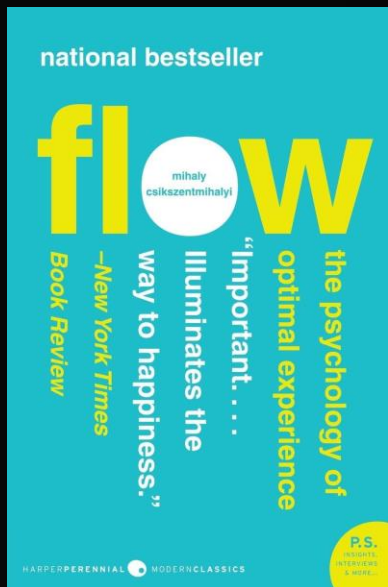
**100%** participation



**20%** participation

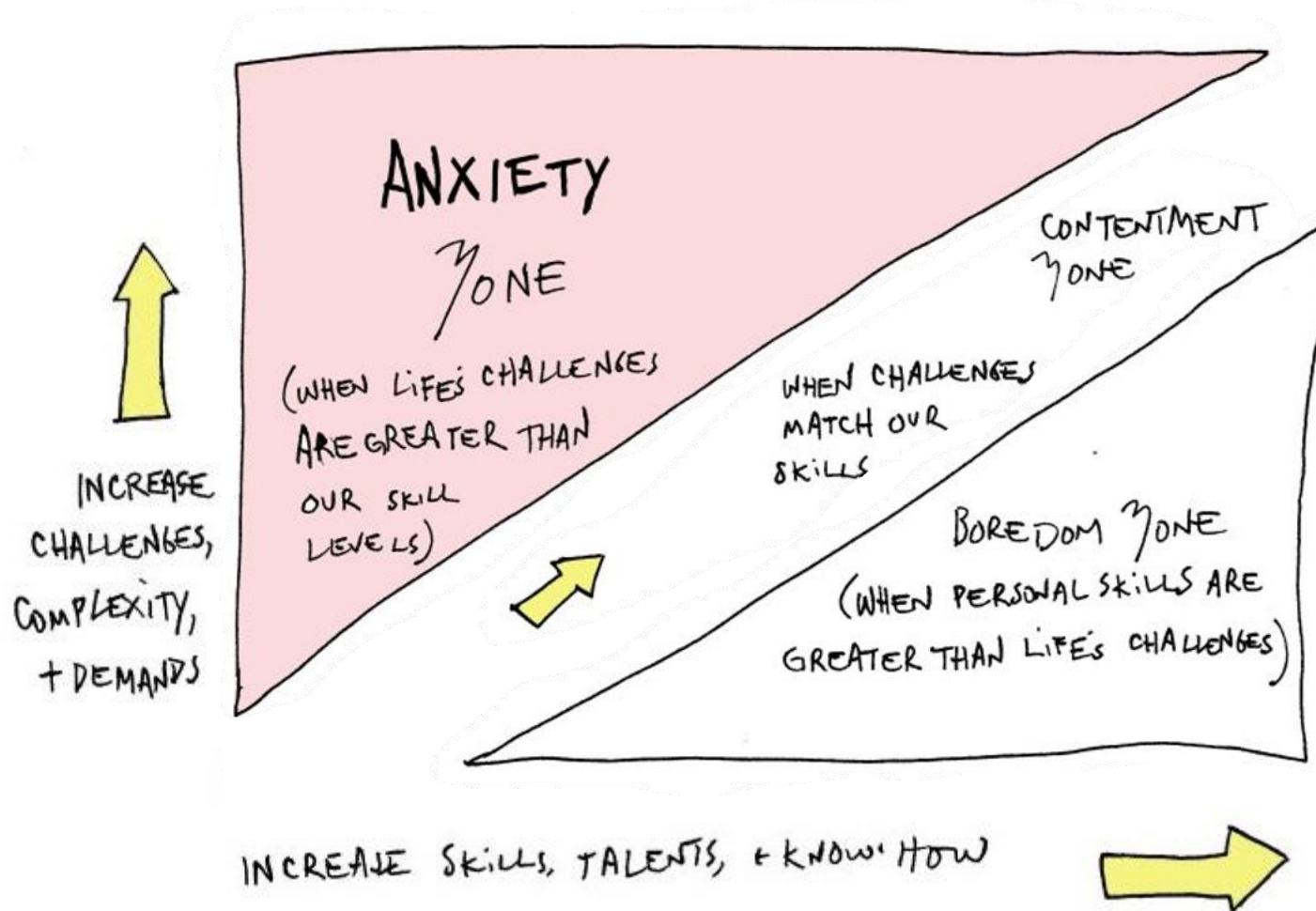


**Mihalyi CSIKSZENTMIHALYI**  
Psychologist



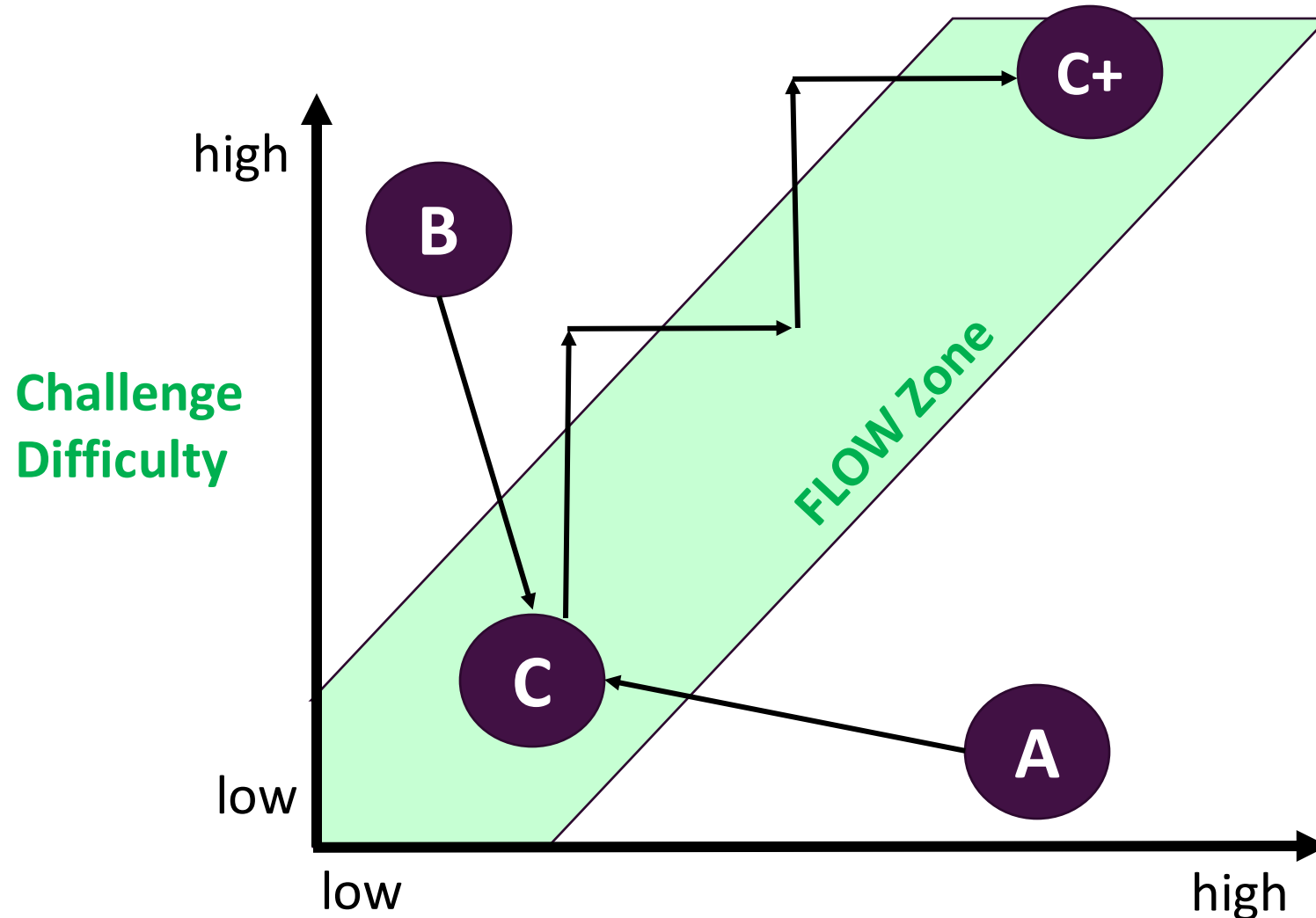


# Flow & Hard fun





# Flow & Hard fun



Skills, Knowledge mastered

Confidential Information

From Mihalyi Csikszentmihalyi 1975



Experience DDMRP first-hand  
with this DDMRP serious game



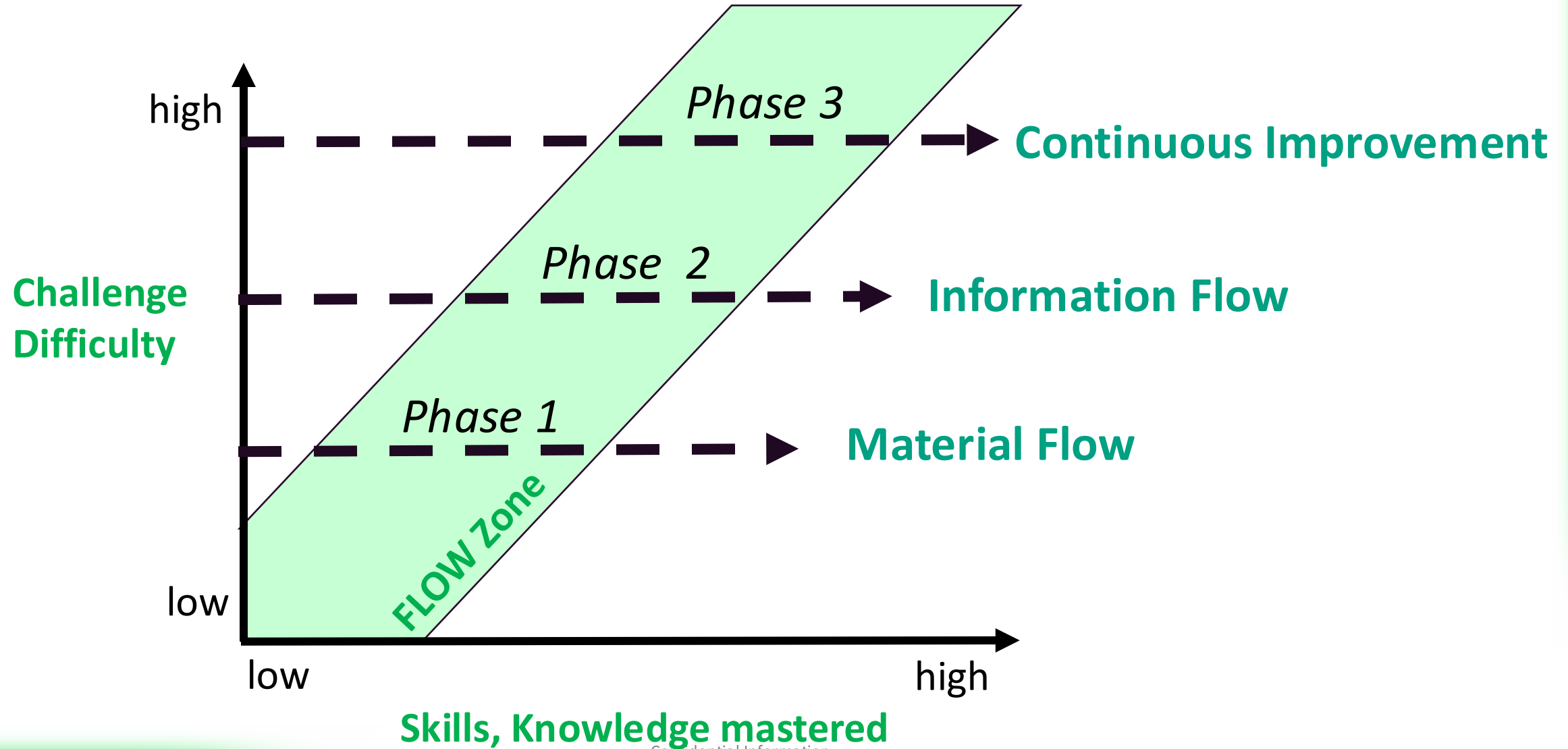








# Flow & Hard fun





**When was the last time you  
felt in the flow ?**



# FEEDBACK








DDBrix was fun and we had



# AI in Training ?

AI personalizes learning, adapts in real-time, and gives feedback instantly.



## 2. Gray Item – Chronic Under-Stocking / Instability

### Observation:

- Majority of the time spent in red zone, with spikes to yellow but no sustainable replenishment into green.
- Highly variable consumption or **planning delays** are likely.

### Root Cause Hypothesis:

- Underestimated lead time or demand variability.
- Possibly incorrect minimum order quantity (MOQ) or insufficient replenishment frequency.

### Recommendations:

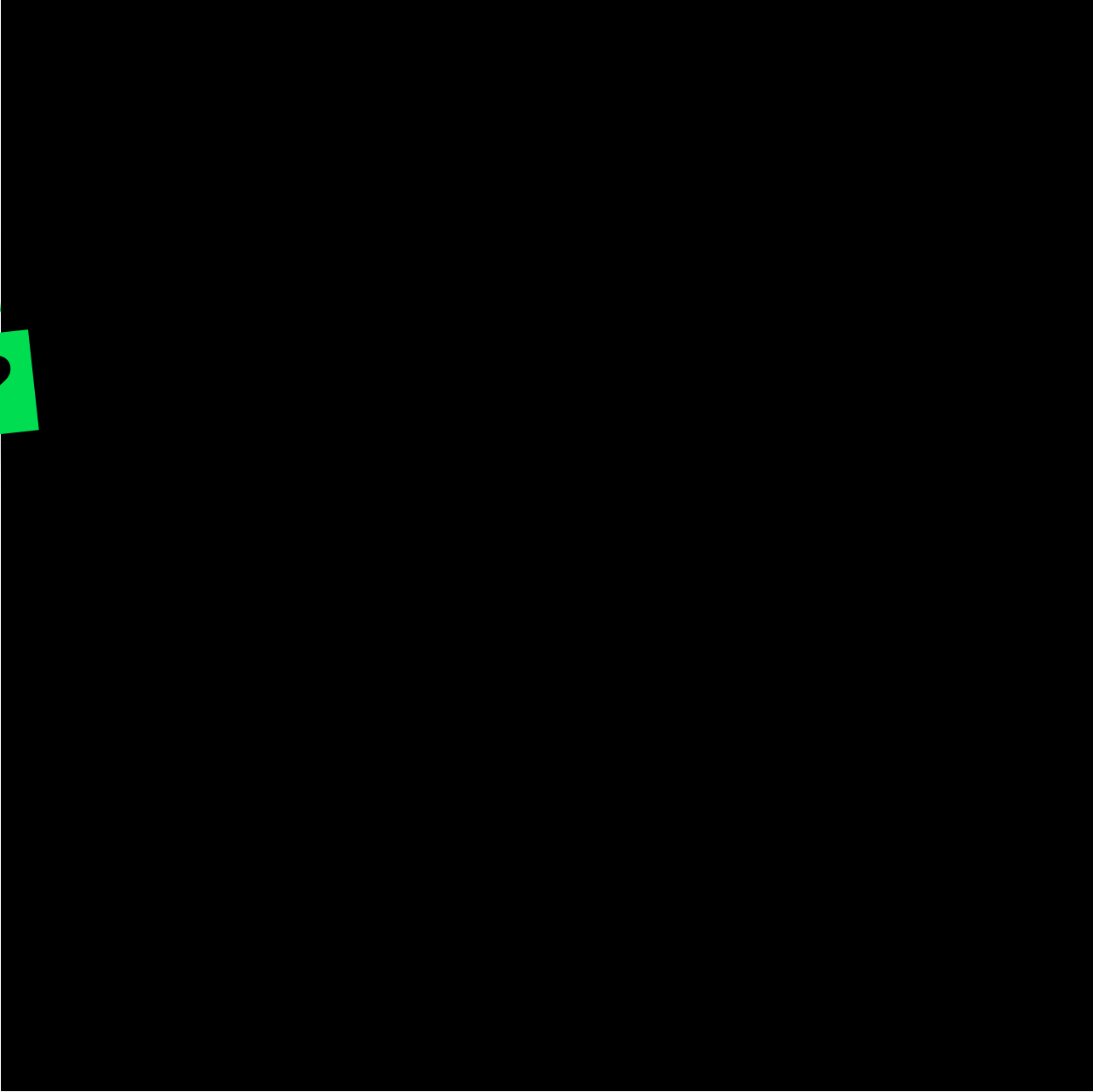
- Review and increase red zone to better absorb variability.
- Validate LT factor and check if the replenishment order frequency aligns with the green zone sizing.
- Consider buffer level adjustments via ZAF.



# CONSOLIDATION



# **How to identify The bottleneck ?**



<https://youtube.com/shorts/g7TeNlpRZM8>

1

# Training for The Planners



Don't leave success to chance — certify your planners.





# We learn...

[ William Glasser ]



**10 %** of what we read



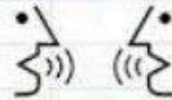
**20 %** of what we hear



**30 %** of what we see



**50 %** of what we see and hear



**70 %** of what we discuss



**80 %** of what we experience



**95 %** of what we teach to others



**Trainers who embrace  
AI tools will outperform  
those who don't**

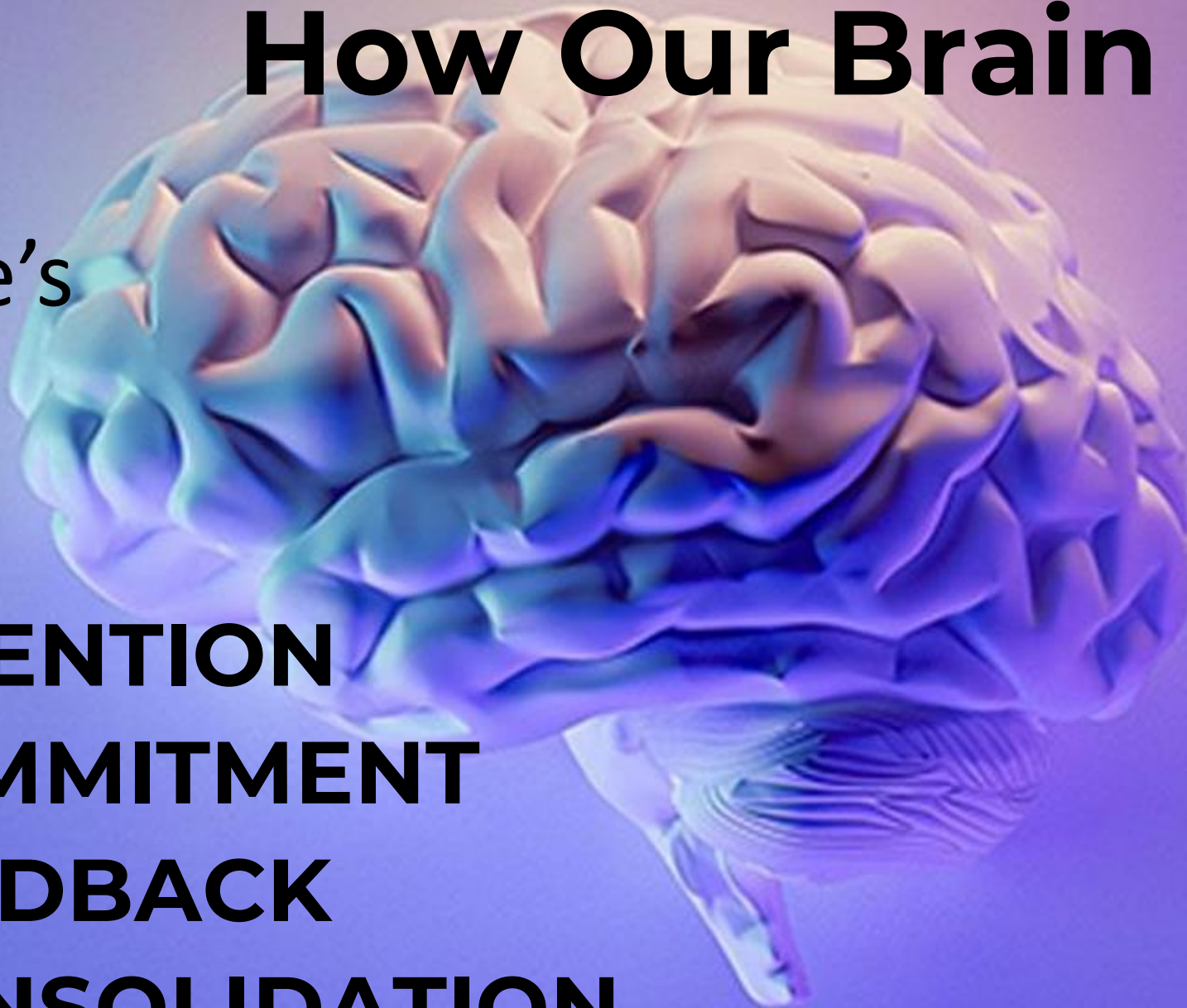
**Luis VON AHN'S**  
Duolingo CEO



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4 pillars:

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**b2wise**

*Think Flow*

**THANK YOU**