

# STADIO



STADIO Conference 2022

Curriculum Reimagined for the 21<sup>st</sup> Century Relevance

Curriculum Reimagined for the 21st Century

# Hyper-Learning

Integrating 5IR into South Africa's Higher Education Systems

By Merie Sutherland

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# Index



## **Hyper Learning**

Defining Hyper-Learning and highlighting its relationship with 5IR.



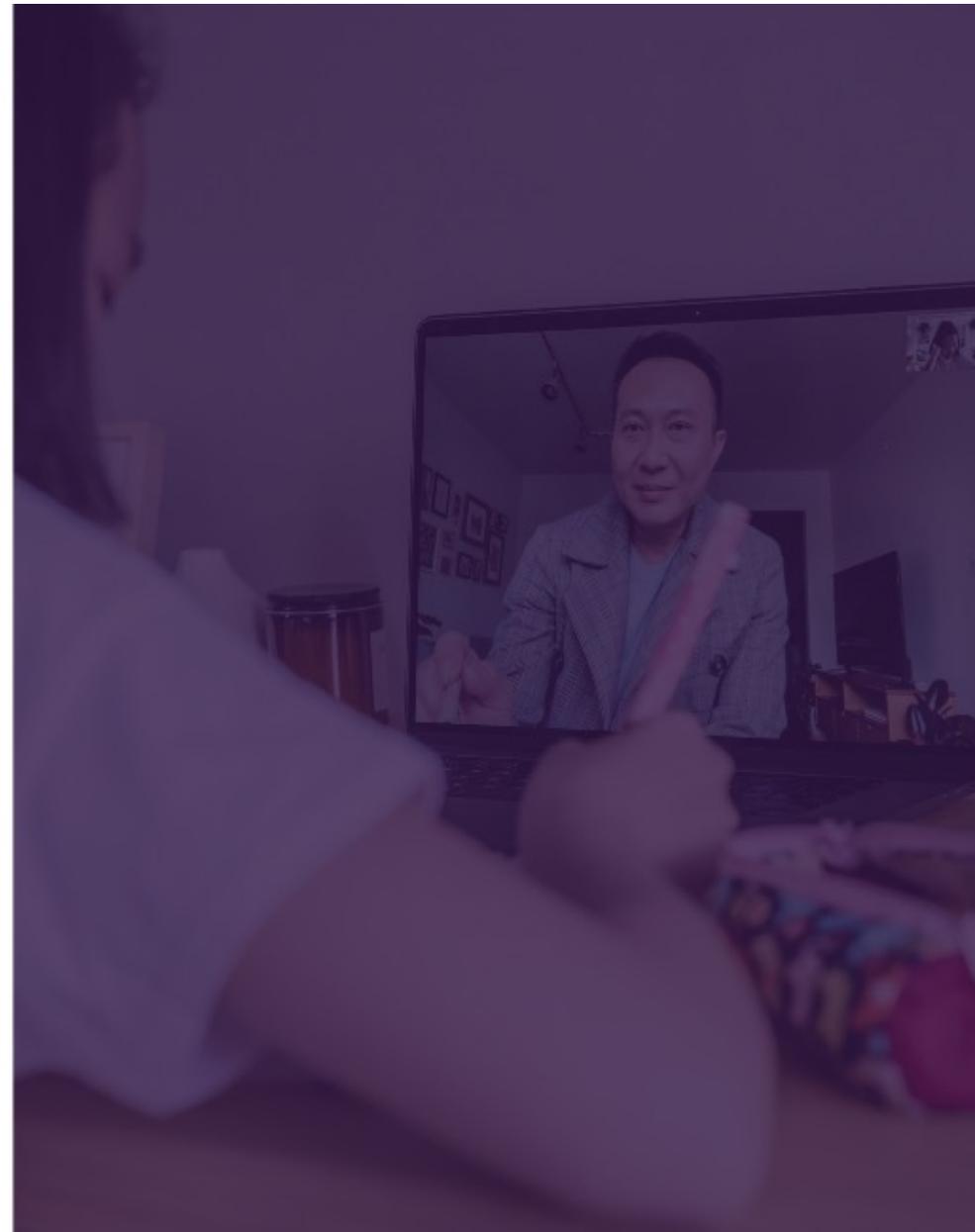
## **Fifth Industrial Revolution**

Defining the Fifth Industrial Revolution and highlighting its possibilities for South Africa's Higher education system.



## **South Africa Higher Education System**

Defining the South Africa Higher Education System and highlighting how to incorporate hyper learning mind set.



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[HTTPS://WWW.YOUTUBE.COM/WATCH?V=ITJUQRE19MG](https://www.youtube.com/watch?v=ITJUQRE19MG)

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In order to outsmart smart devices we need to **humanize** the process.



### Why humanize?

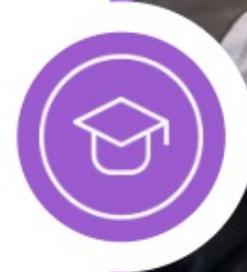
Unlike smart devices humans have an emotional and social intelligence trade which allows to tap into both the subconscious and conscious mind to "perform at the highest **cognitive, emotional and behavioral** state." (Hess, 2020)

"Humanizing the workplace is a pathway to your being, belonging and becoming!" – Edward. D. Hess

## What is Hyper-Learning?

"human capability to learn, unlearn, and relearn continually. In order to adapt to the speed of change. "

Edward. D. Hess



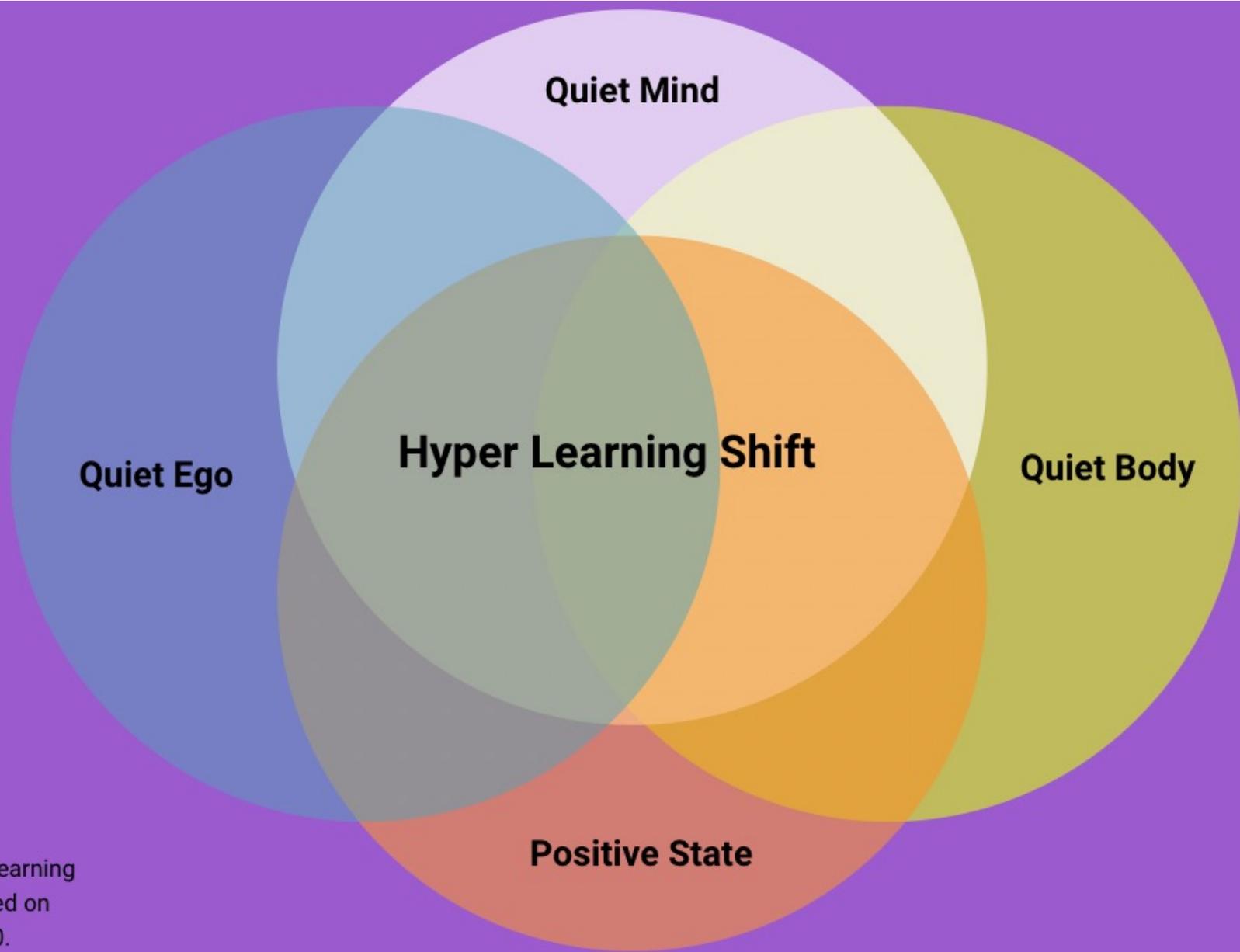


Diagram 1, Hyper Learning fundamentals, based on Hess, 2022, p.24-60.

# How to become a hyper learner?

- ✓ Love to learn.
- ✓ Embrace the unknown and engage with future thinking.
- ✓ Engage in meaningful conversations
- ✓ Respond with yes, and instead of yes, but.
- ✓ Embrace collaboration and teamwork
- ✓ Empower yourself to grow.
- ✓ Ability to be adaptive and flexible.
- ✓ Ability to overcome the limitations of **fear** and **ego**.

(Hess, 2020)



# The result of a hyper learning mindset:



Four E's for adopting a hyper learning mindset as a leader:

1. **Engage** with a developing world with a quiet ego.
2. **Embrace** the unknown with a curious mind.
3. **Excel** at embracing connection with yourself and others.
4. **Enable** high levels of growth.

(Hess, 2020)

"The single most powerful assets we all have is our mind. If it is trained well, it can create enormous wealth" - Robert Kiyosaki

## Mind



Hyper Learning  
Mind set

+

## Machine



Fifth Industrial  
revolution  
technologies

=

**INNOVATION**



5IR

## What is the fifth industrial revolution?

The Fifth Industrial Revolution is built on the developments of the fourth industrial revolution and aspires to interface these technologies with the human mind. Thus **connecting mind with machine**. Fifth Industrial Revolution technologies include:

- ◆ Big Data
- ◆ Mental Models
- ◆ Quantum Computing
- ◆ Artificial Intelligence
- ◆ Metaverse
- ◆ Nano-Technology

(Sarfranz, Iftikar & Akhund, 2021, Noack, 2020 & Mostert, 2022)

## So what?

Humanizing the work environment encapsulates having positive work relationships and reflecting your best self, but it also means **networking** in the digital space ensuring high quality emotional connections (Hess, 2022).

For example: Virtual panel discussions between academics, industry and students - School of Fashion Spring sessions and panel discussions.

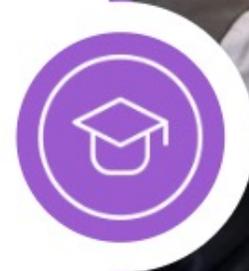
There is also a **mind behind the machine** and the development of the human behind the device is equally as important as digital development.





# What does the South African Higher Education System look like?

- Developing country faced with obstacles such as; poverty, corruption, inequality, resource gaps and high unemployment rates (Ndung'u & Signé, 2020).
- Presidential commission on 4IR to keep up with global change (Ndung'u & Signé, 2020).
- Shift in the pedagogy system with the introduction of blended learning and **Hyper - Hybrid - Learning** (Nørgård. T, 2020).



To overcome the physical obstacles of a developing country we need to address the physiological challenges first including **fear** and **ego**.

# Hyper Learning mindset in South Africa Higher Education Systems

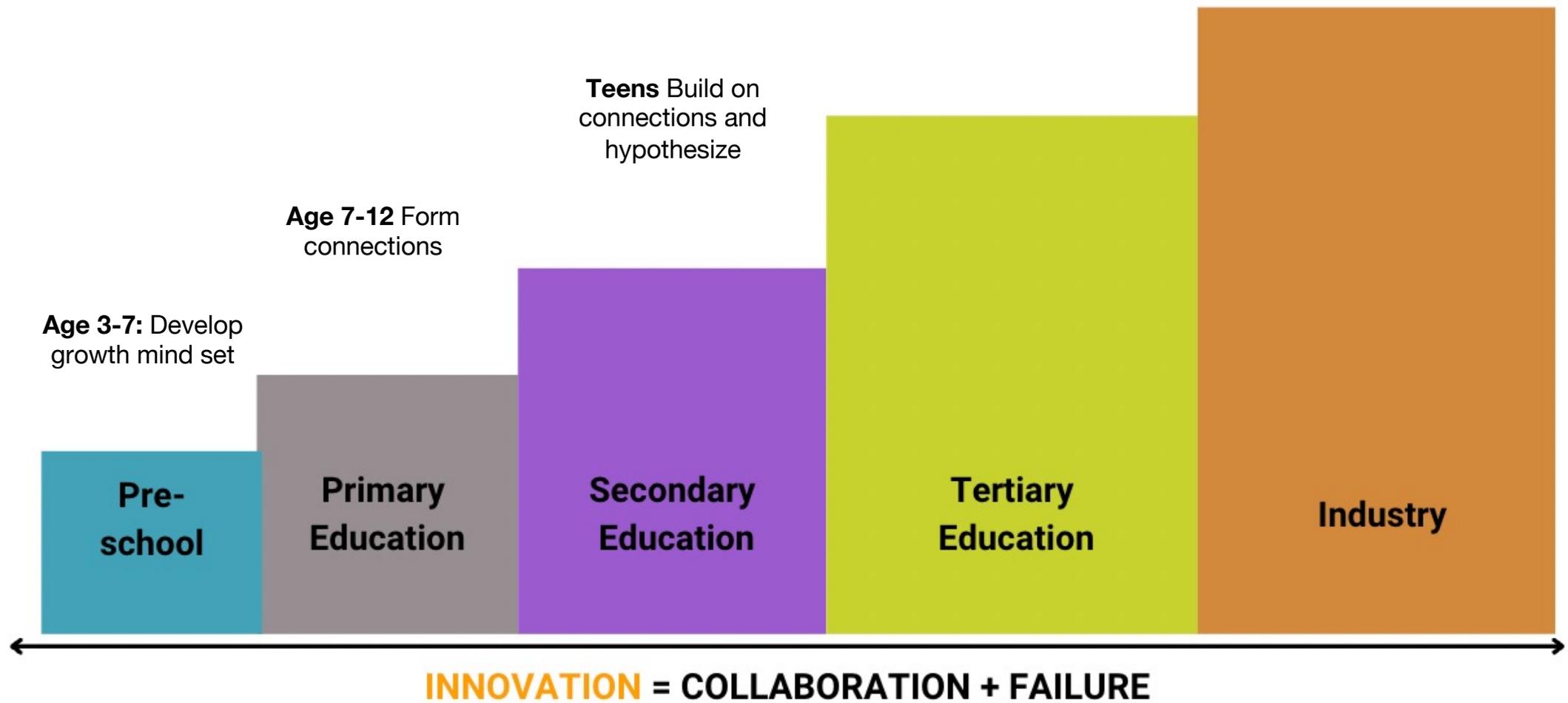


Diagram 2, Hyper Hyper Learning shift in Educational Systems (Sutherland, 2022).

## 1. Self-Discipline

## 2. Start small Embrace newness:

Embrace your inner child

Explore don't ignore

Change your mindset

Be curious

Break routine

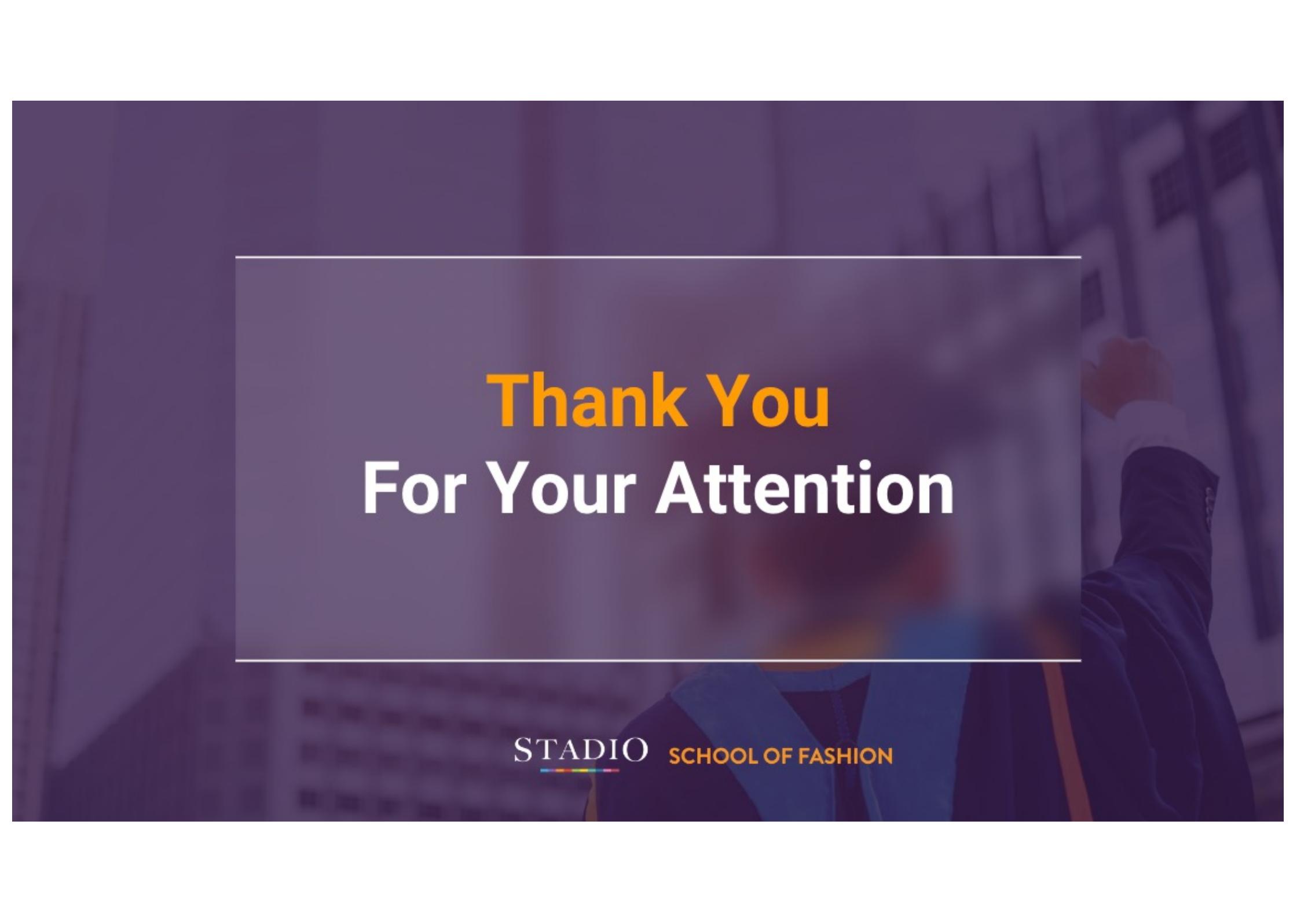
Read regularly

Engage with uplifting content

Start a learning journal

(Behringer, Granda. & Van Treeck, 2022 & Hess, 2020)





**Thank You**  
**For Your Attention**

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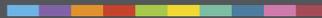
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