

3.4 Unifying Digitalization Pillars: A Digital Twin Demo

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Outline

1. Definition
2. Role in digitalization
3. EYEducation project
4. Introduction to the DEMO
5. DEMO live



Definition

“A digital twin is the digital representation of a physical asset”

Modeling?

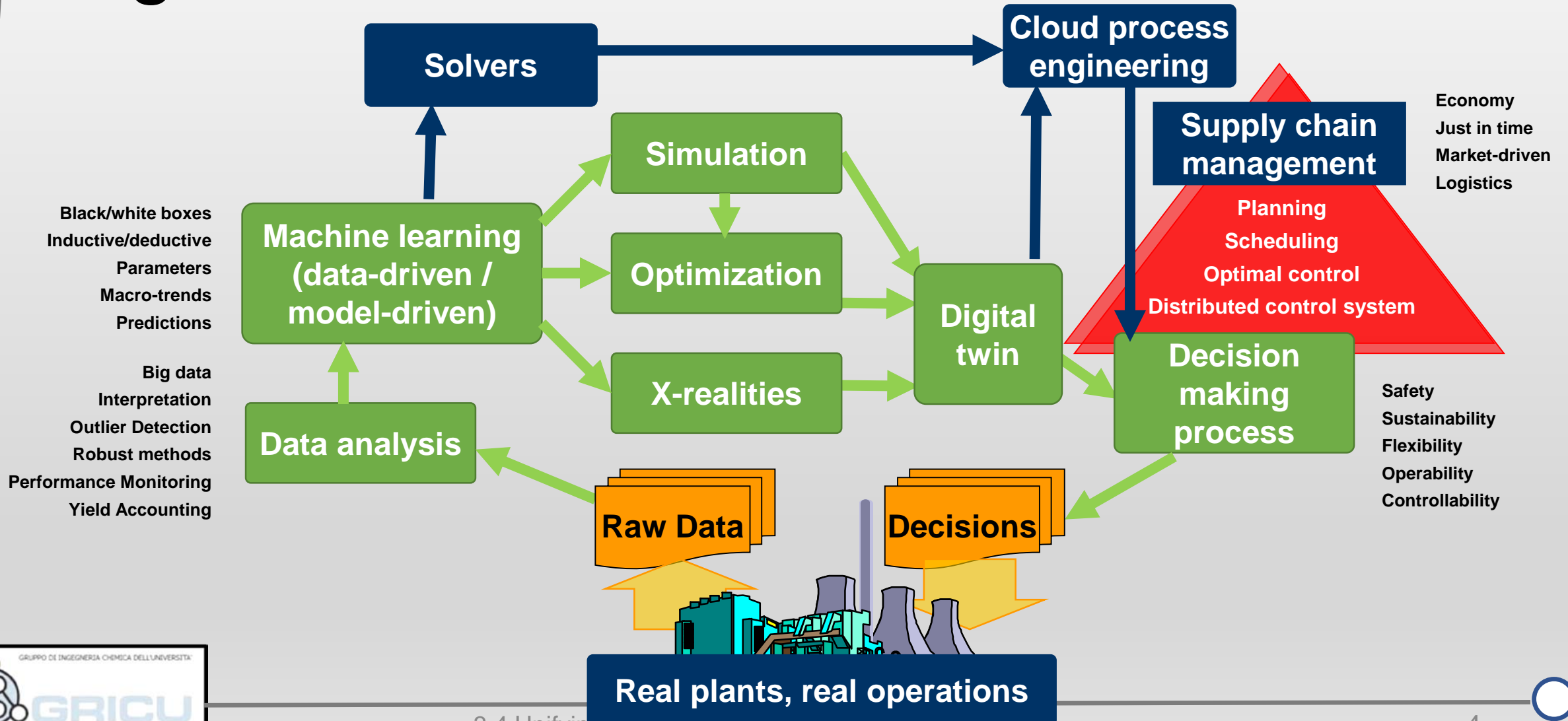
3D environment?

Simulation?

Decision-making
Support?

Yes, but... not only!

Digital twin role



EY Education project

Inserting digital twin in teaching programs in pandemic times



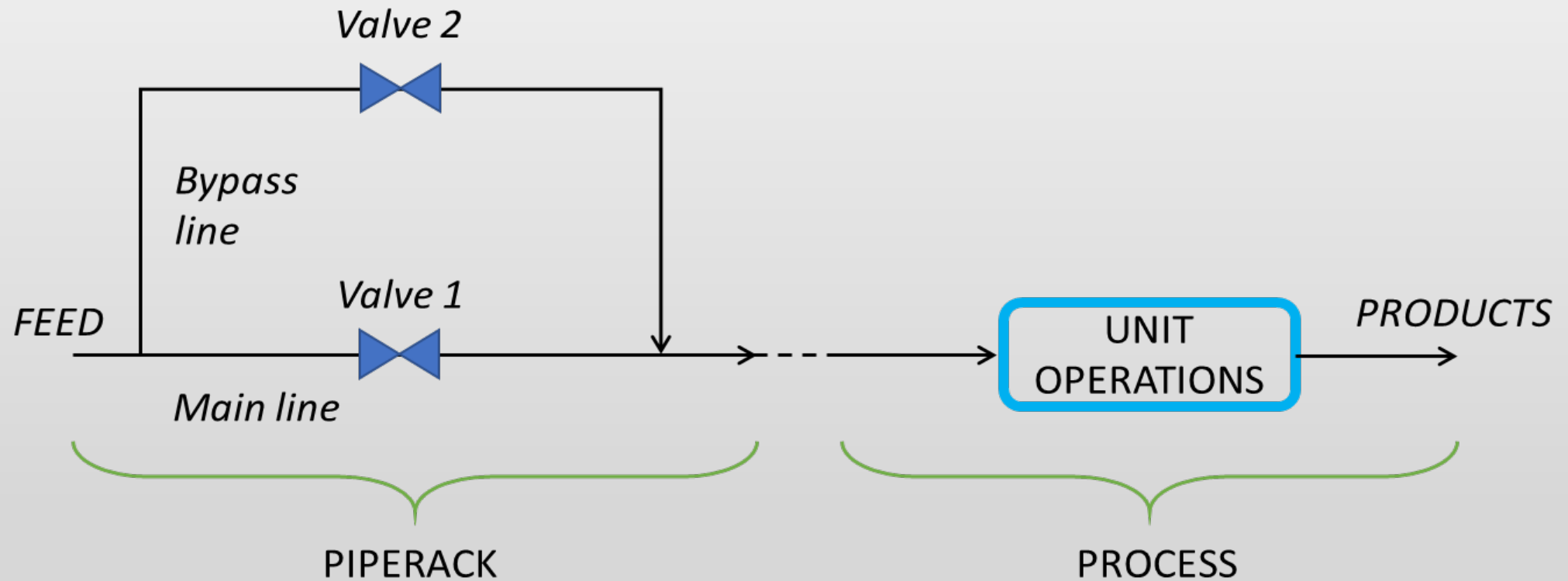
POLITECNICO
MILANO 1863

AVEVA

Schneider
Electric



Demo: just a line bypass...



Demo: (*just???*) a line bypass...

Digital twin views

Let's "just" bypass... DEMO!

Manenti F., Marengli P., Rota R., Duò L., Sancassani S.,
*The Role of Digital Twins in Educational Programs: the
EYEducation Project, 13th European Congress of Chemical
Engineering, Berlin (Germany), 2021, T23092104.*

