

BIM FORUM VILNIUS 2016

Andres Garcia Damjanov
Dipl. -Ing. Architekt, MBA, MPM, PMP
NEWFORMA GmbH. Central & Eastern Europe
Email adamjanov@newforma.com
Mobile +49 (0) 174 2665892



Some Companies work with BIM modeling tools for some years now

There are no clear specifications or norms still in DACH

There will be no clear specifications or norms
coming from the public sector during years still
(Even if politically announced)
(Bundesbauministerium DE)
(SIA Bauen Digital CH)
(Bauen Digital AT)

Private sector is moving (owners, banks)

Clear is:

Sponsor has to make a first document to try to organize what he needs
(BIM Brief)

Document that serves himself to organize what he needs

Sponsor needs a document for the bidding process **EIR**
(Employees Information Requirements)

Document serves to offering companies to understand and be able to offer

Offering companies will have to offer based on an own **BEP**
(BIM execution plan)

Document serves Sponsor to evaluate the companies and choose one

The company that wins has to develop a more specific **MIDP**
(Master Information Delivery Plan)

Document serves as roadmap for the information deliverables of the project

Knowledge Area	Project Management Process Groups				
	Initiating Process Group	Planning Process Group	Executing Process Group	Monitoring & Controlling Process Group	Closing Process Group
4. Project Integration Management	4.1 Develop Project Charter	4.2 Develop Project Management Plan	4.3 Direct and Manage Project Execution	4.4 Monitor and Control Project Work 4.5 Perform Integrated Change Control	4.6 Close Project or Phase
5. Project Scope Management		5.1 Collect Requirements 5.2 Define Scope 5.3 Create Work Breakdown Structure		5.4 Verify Scope 5.5 Control Scope	
6. Project Time Management		6.1 Define Activities 6.2 Sequence Activities 6.3 Estimate Activity Resources 6.4 Estimate Activity Durations 6.5 Develop Schedule		6.6 Control Schedule	
7. Project Cost Management		7.1 Estimate Costs 7.2 Determine Budget		7.3 Control Costs	
8. Project Quality Management		8.1 Plan Quality	8.2 Perform Quality Assurance	8.3 Perform Quality Control	
9. Project Human Resource Management		9.1 Develop Human Resource Plan	9.2 Acquire Project Team 9.3 Develop Project Team 9.4 Manage Project Team		
10. Project Communications Management	10.1 Identify Stakeholders	10.2 Plan Communications	10.3 Distribute Information	10.5 Report Performance	
11. Project Risk Management		11.4 Perform Quantitative Risk Analysis 11.5 Plan Risk Responses			
12. Project Procurement Management		12.1 Plan Procurements	12.2 Conduct Procurements	12.3 Administer Procurements	12.4 Close Procurements



10. Project Communications Management	10.1 Identify Stakeholders	10.2 Plan Communications	10.3 Distribute Information 10.4 Manage Stakeholders Expectations	10.5 Report Performance	
--	----------------------------	--------------------------	--	-------------------------	--

BIM = COMMUNICATION

10% What information

When

FROM... (and with which responsibility)

TO....

in which quality

through which channel (mail / FTP / transmittal)

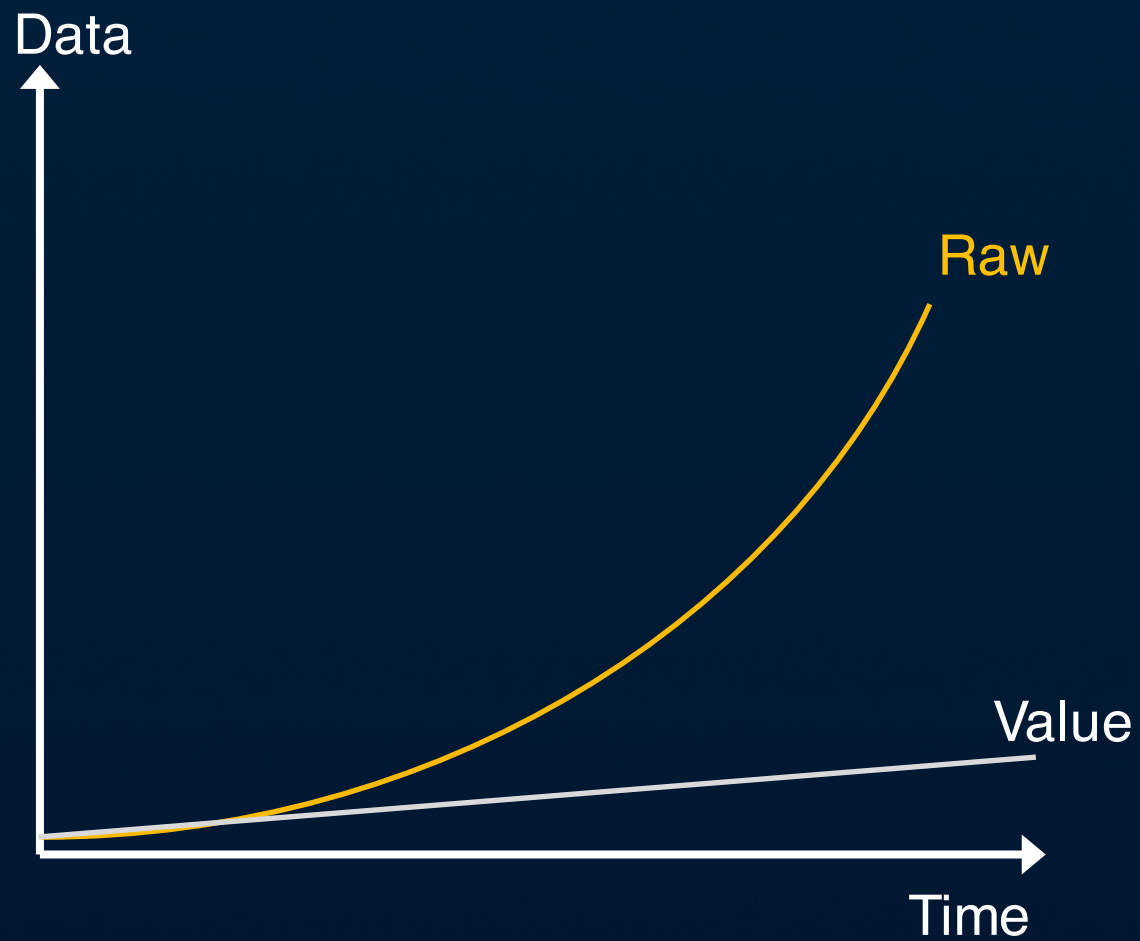
what grade of formality (informal / formal / deliverable)

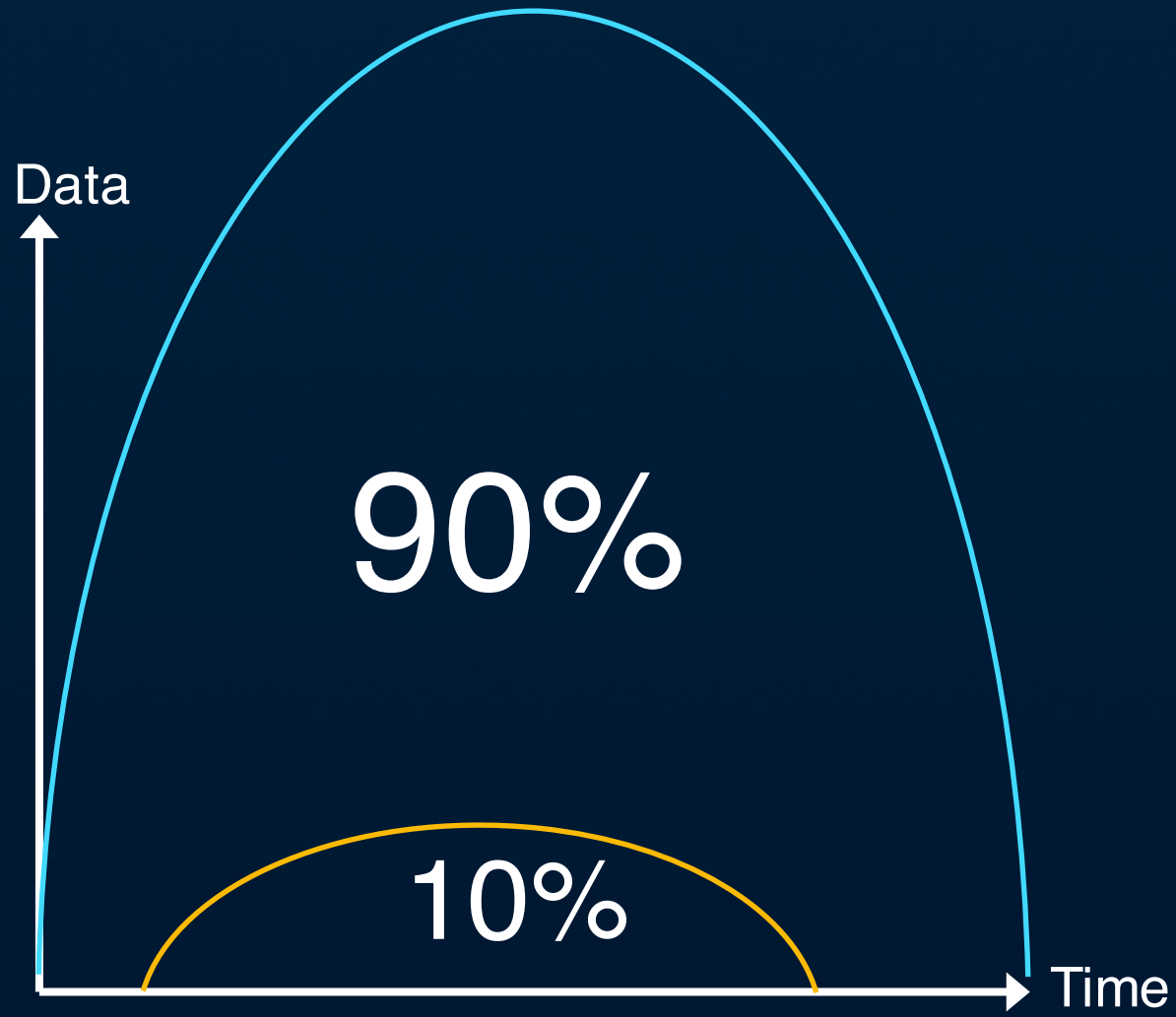
90%

Information Generating VS Information Consuming



10-65





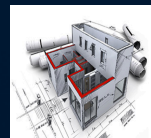
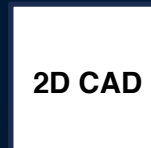
Creation



Quality



Store



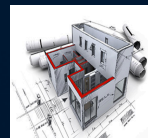
Creation



Quality



Store



THIS IS LESS
THEN 10%
OF THE VOLUME
OF INFORMATION
IN YOUR PROJECTS

KEEP IT SIMPLE

KEEP IT LEAN
(NO DUPLICATES OR
REDUNDANCES)

AVOID E.D.M.S.

10%



Creation

Information Consuming (P.I.M. Project Information Management)

Inside your company



OTHER COMPANY

Inside project

Client and collaborators

OTHER COMPANY

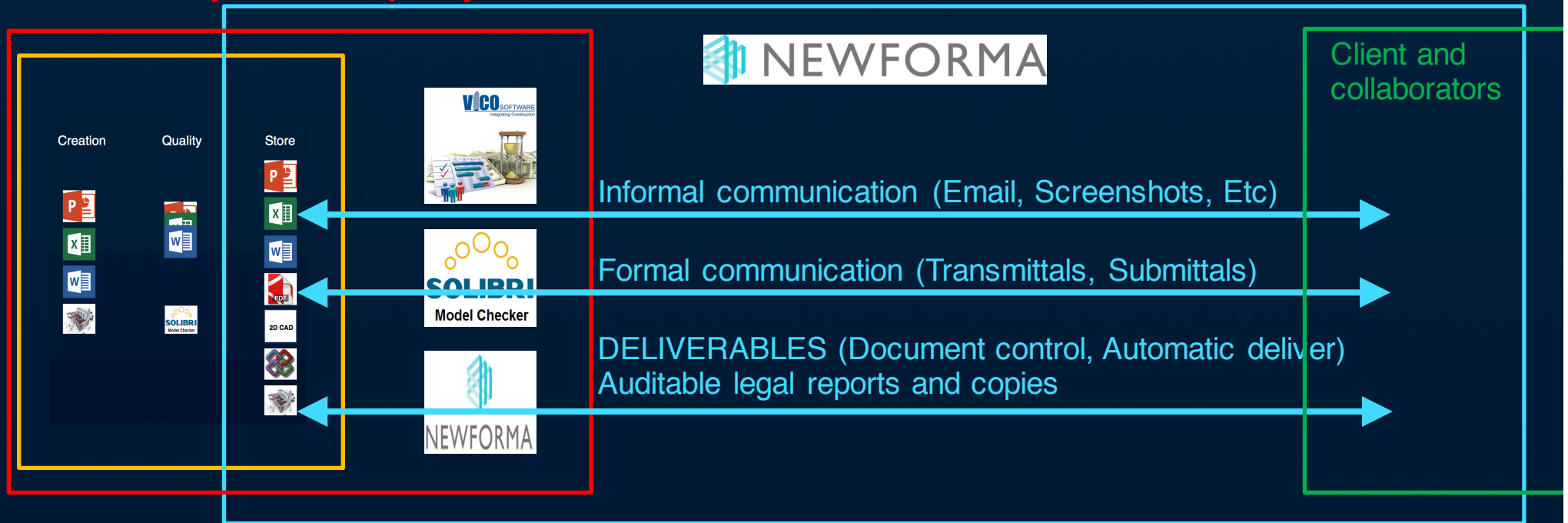
OTHER COMPANY

Creation

Information Consuming (P.I.M. Project Information Management)

Inside your company

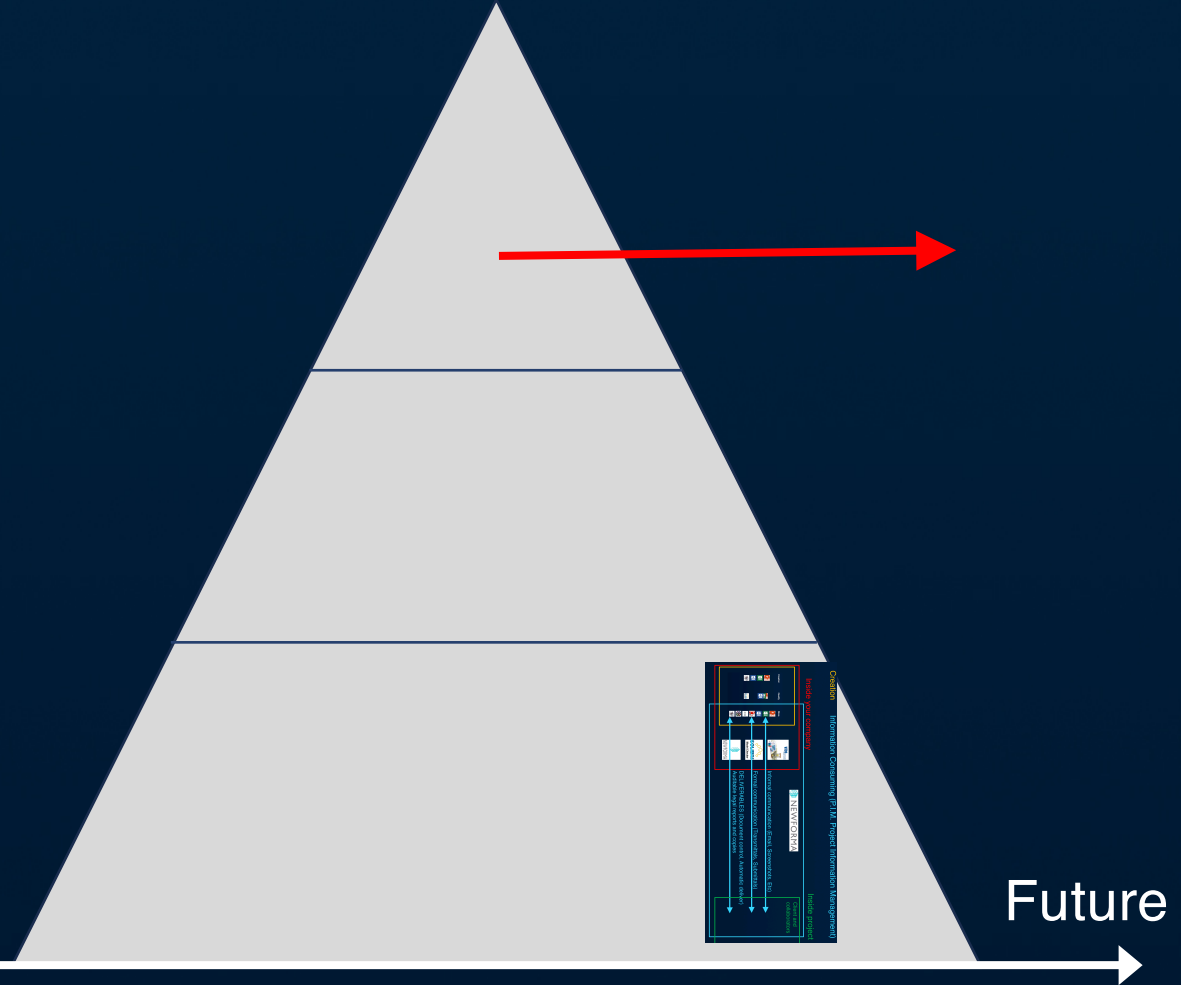
Inside project



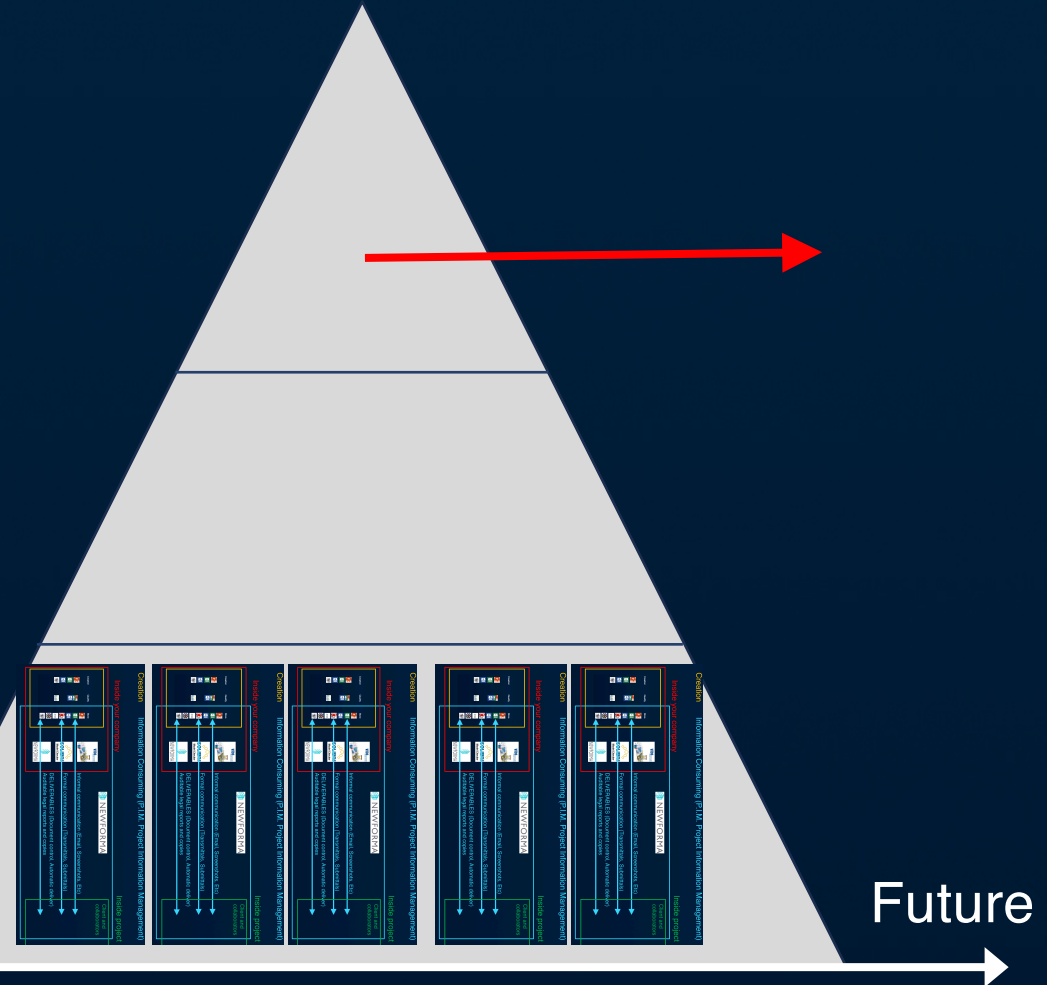
THIS IS 90% OF YOUR INFORMATION AND ALSO WHERE THE FUTURE SUCCESS OF YOUR COMPANY IS DEFINED.

YOUR P.I.M. HAS TO BE UNDER CONTROL, SIMPLE,
LEAN = NO DUPLICATES OR REDUNDANCES = 0 RISK.

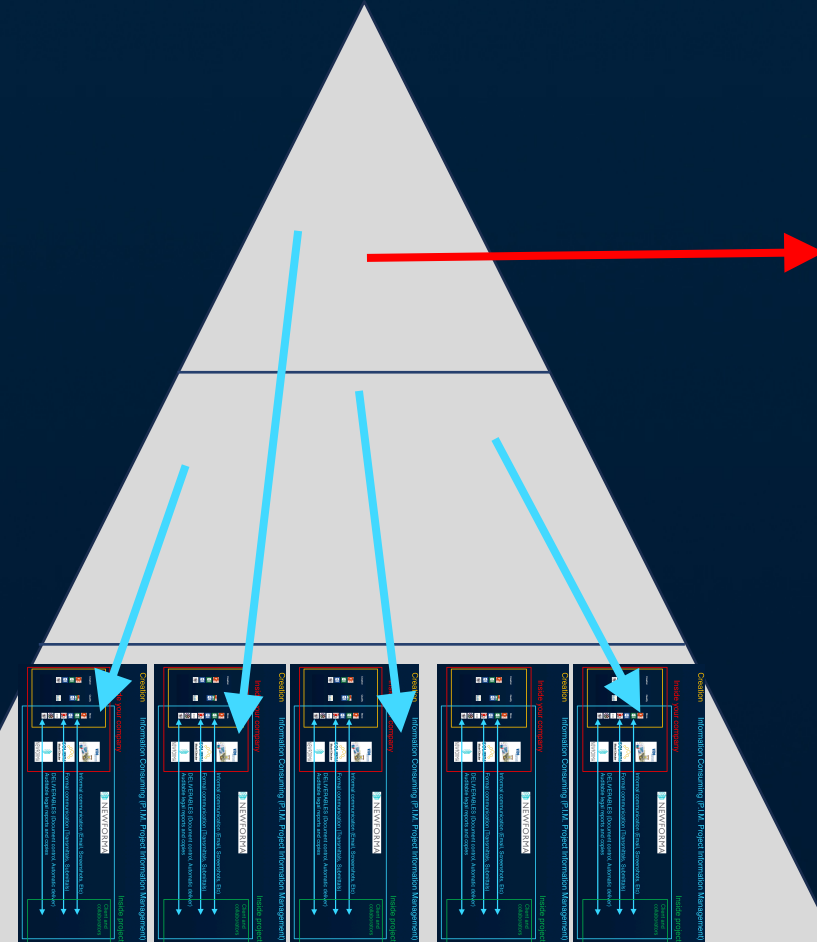
DIGITALIZATION OF YOUR COMPANY



DIGITALIZATION OF YOUR COMPANY



Take over control of Corporate Project Information



Future

Time

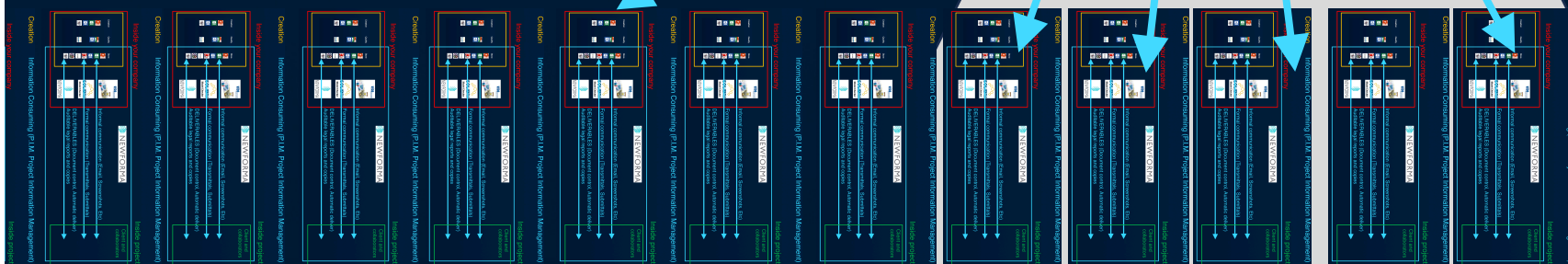
Take over control of
Corporate Project
Information

Capitalize your Information
(Petroleum-Energy)

Future

Time

Keep it SIMPLE Keep it LEAN

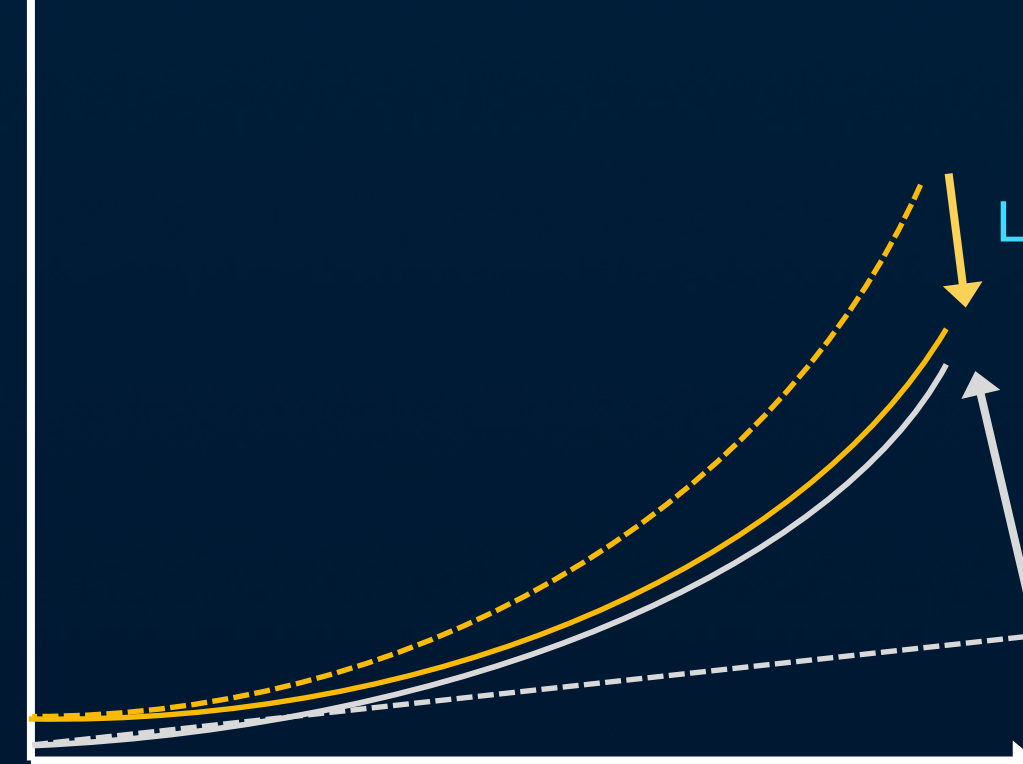


Data



Time

Data



LEAN



CAPITALIZE
INFORMATION



Time



BIM FORUM VILNIUS 2016

Andres Garcia Damjanov
Dipl. -Ing. Architekt, MBA, MPM, PMP
NEWFORMA GmbH. Central & Eastern Europe
Email adamjanov@newforma.com
Mobile +49 (0) 174 2665892