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L, PLM systems L's mental activity with a tous or introducing change in the We need to analyze the problem this is where the design process stant. Product Design Cycle -> identification of need (-) selt intibilire of the designer, an organisation -> Conceptual Design (after definition of the requirements)

| L-> material can change the design that we come up with Fonulation of general concept Detailed Design (after Turbodiment design) Definition of every single detail of the design. > Preponablan for production (em au) While we vill se tocuring on the two, we shouldn't forget about the others as they give context of our steps. Outside factors (c.g polities and economics) can have an efect on the design and product olevelopment cycle, how we source makingly and how we olistribute.

Tudustrial Context La Judustry 4.0 -> Cyber Physical systems, intemebot things (IoT), networks and others. These on technologier that take advantage of new technologies to do actions which are not necessarily reportitive like in industrij 3.0. They require large amounts of data, norwely acquired bluough zawars and utilised for different Erabling Technolyree Go Virtuel Prototy oung L-CAD/CAT systems. -> DR & VR -> Additive Manula chining ls System integration. La PLM & advanced mestens The project panes different parts of the same company, how the parts pross though PLM (system lifecycle maneyamand), and how they pass though affects and is affected by

the structure of the company.

There are support cyslems for every part of a company.

They need to interoperate and be able to share between cachodia