



## YOUR PARTNER FROM RESEARCH TO COMMERCIAL PRODUCTION







Bioengineering AG October 2022 DVCMN – Pune, India



## ASSEMBLING HALL IN JONA, SWITZERLAND

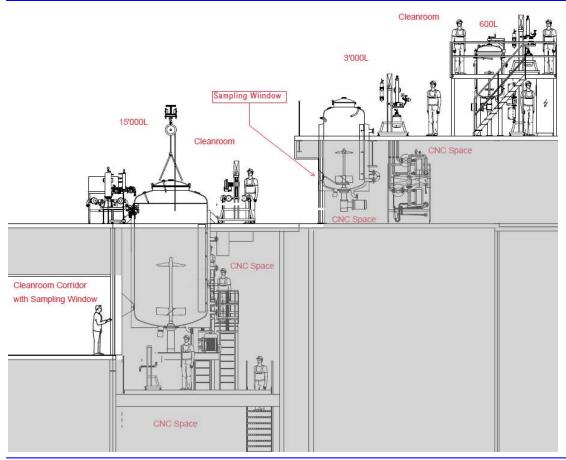






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- CNC area (controlled, not classified)
- Reduced operational costs by reducing cleanroom areas
- Often described in literature and design philosophy, but fewer real-life example







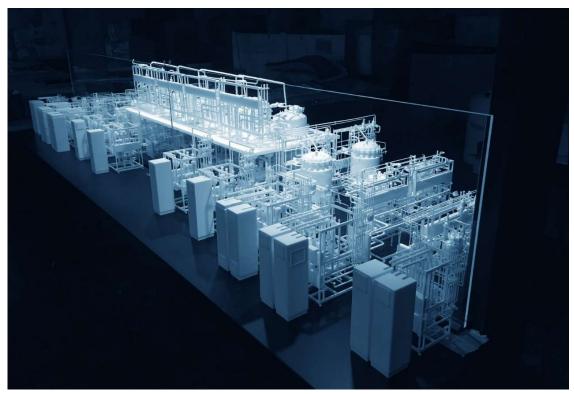


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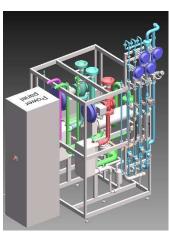
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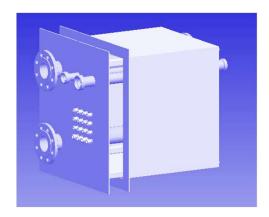


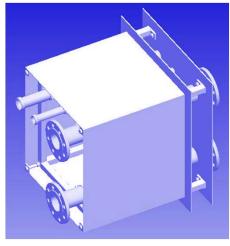
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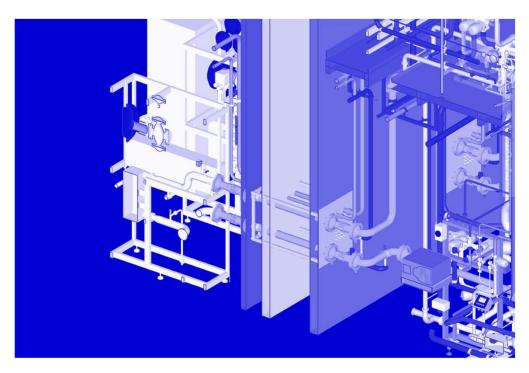
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- Reducing operational costs
- Early involvement of equipment/system vendors in design phase
- Process engineering know-how
- Further considerations to cost reduction: integrated CIP circulation pump, etc.

