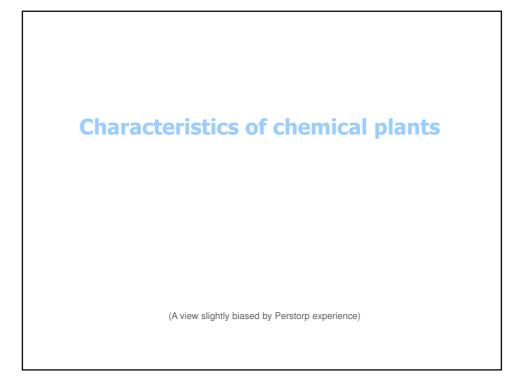
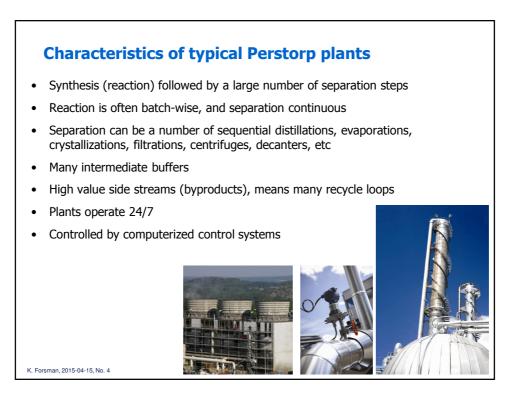


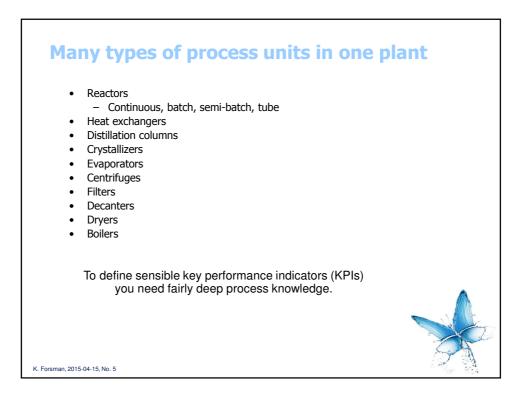
Krister Forsman 2015-04-15

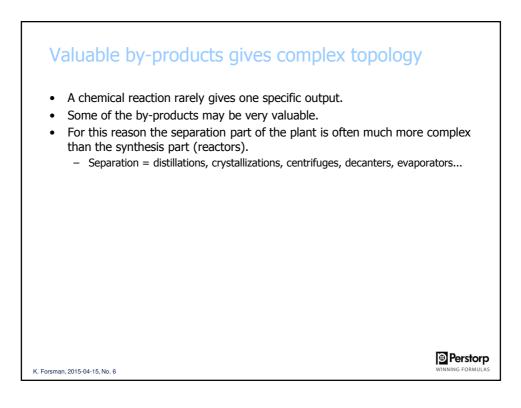


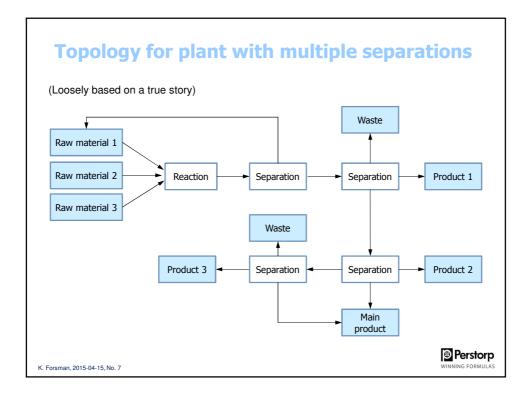


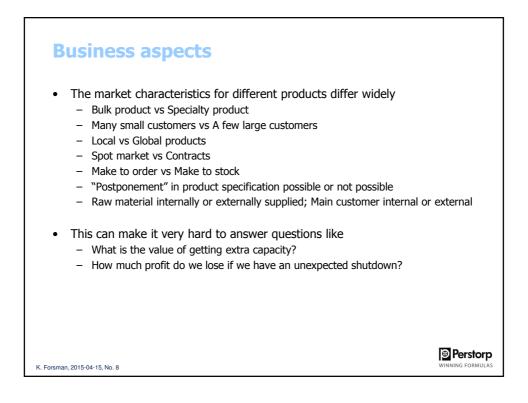


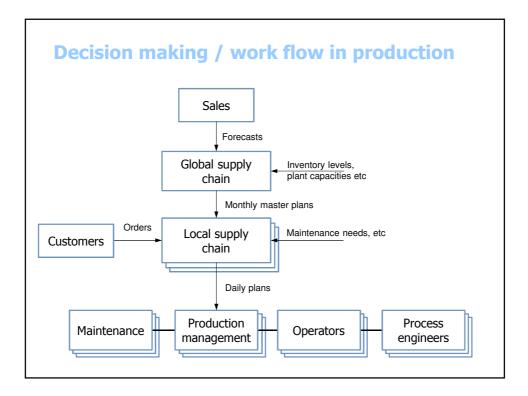




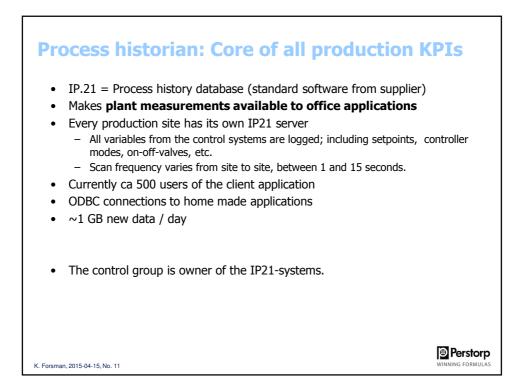


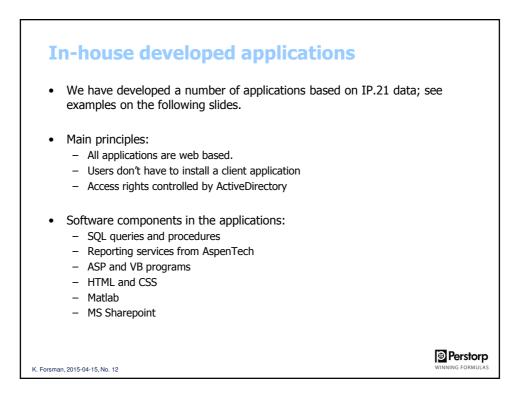


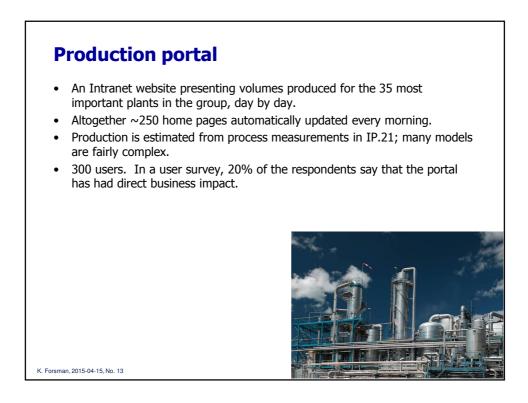


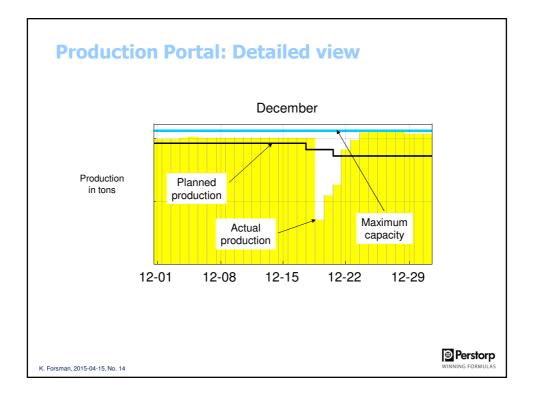




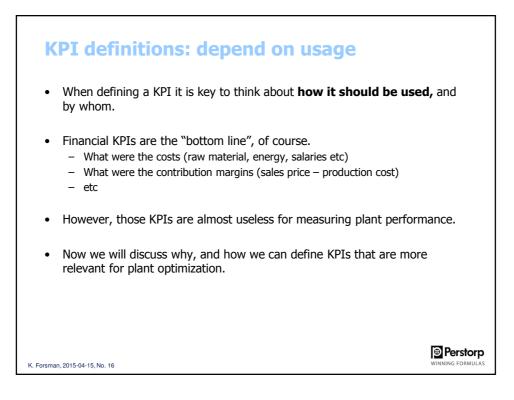


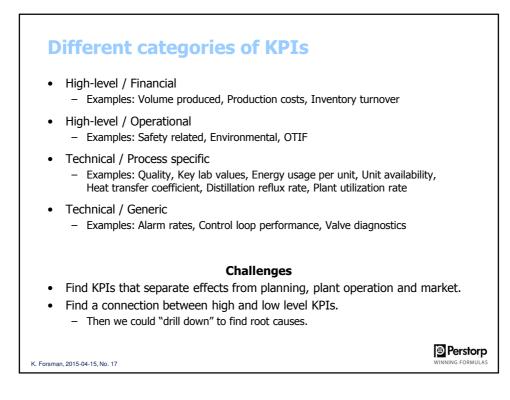


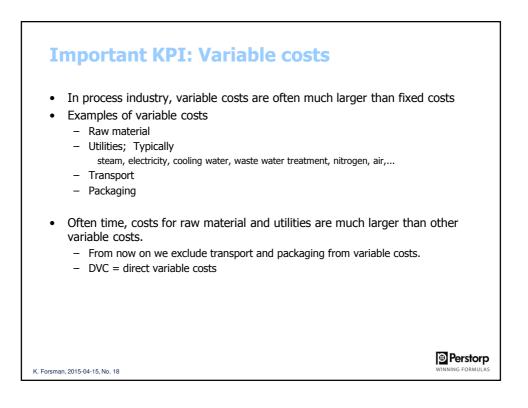


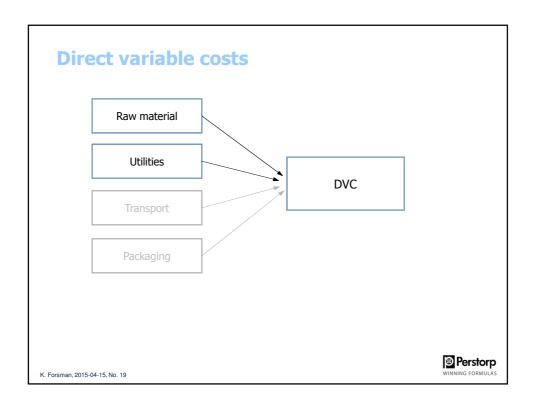


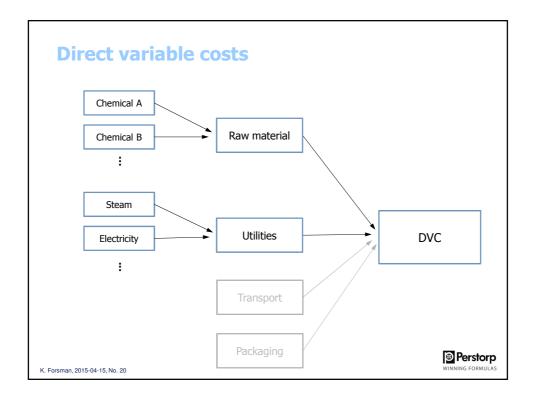


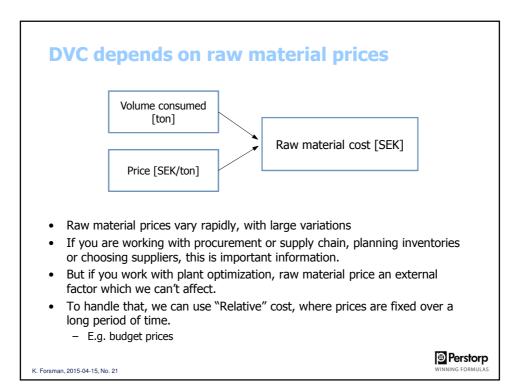


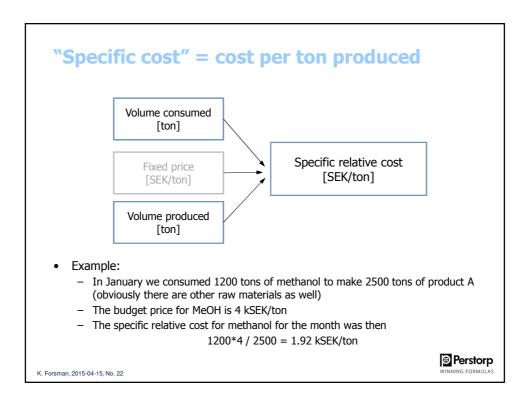




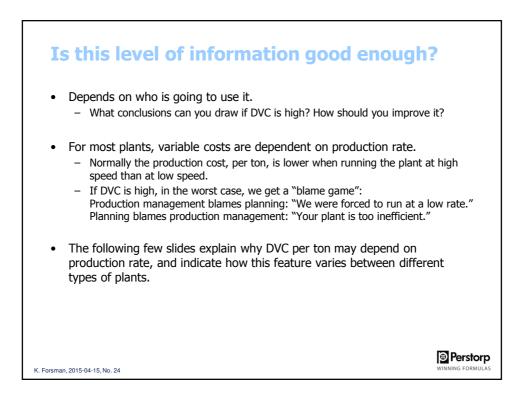


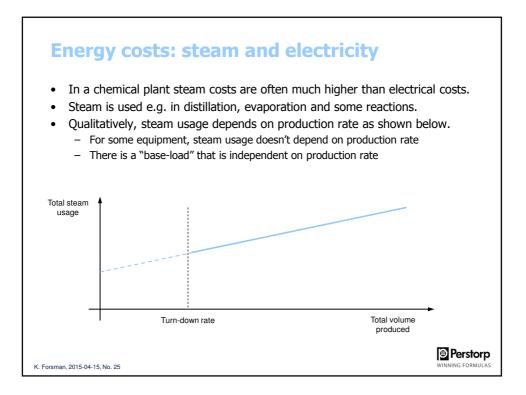


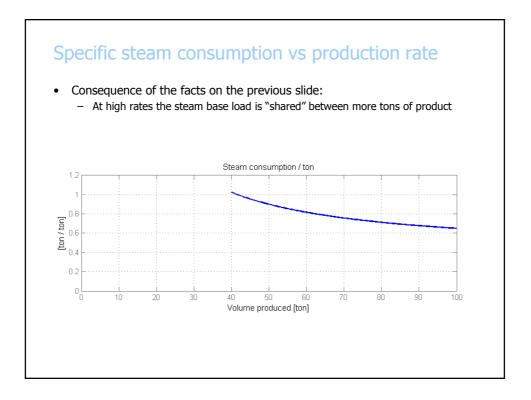


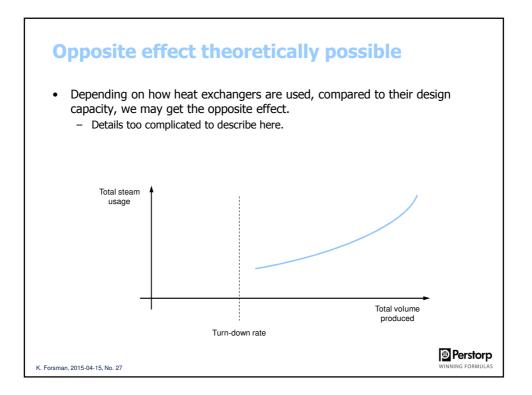


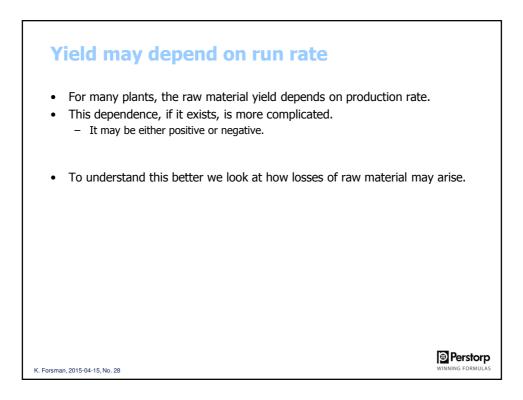
Month: Januar Volume produc					
Material	Consumption [ton]	Consumption rate [ton / ton product]	Price [kSEK/ton]	Cost / ton of product [kSEK/ton]	
Chemical A	1500	0.75	4.2	3.15	
Chemical B	400	0.20	5.5	1.10	
Chemical C	500	0.10	6.0	0.60	
Steam	2000	1.00	0.2	0.20	
Total				4.85	

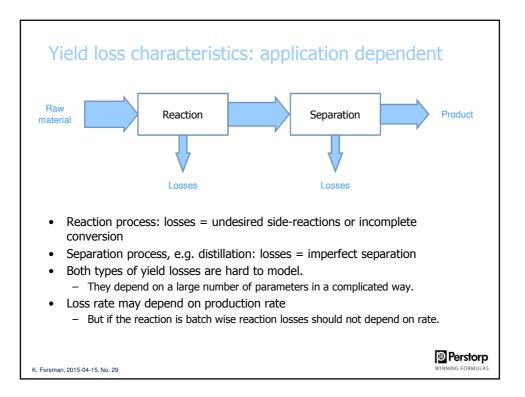


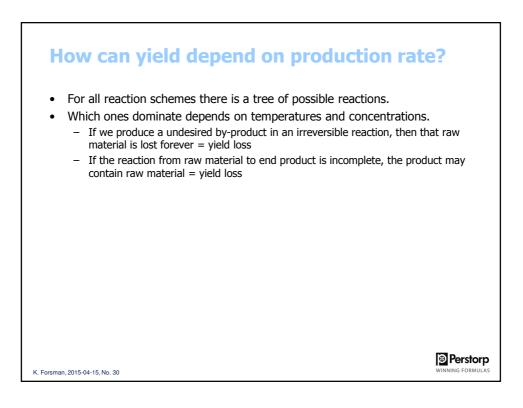


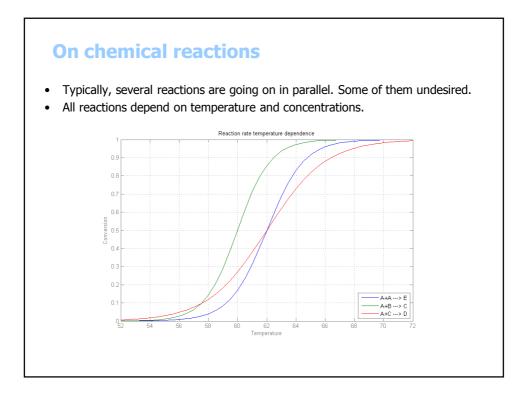


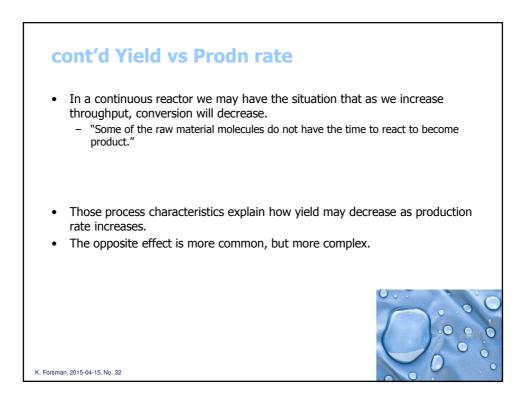


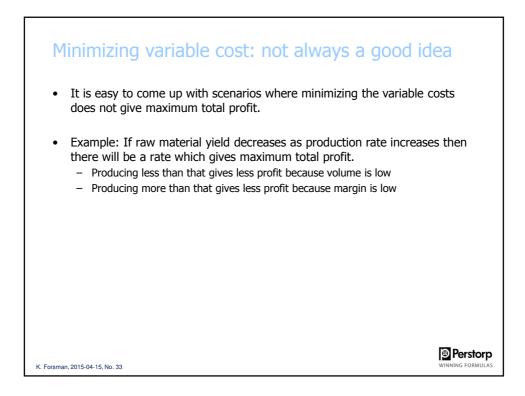


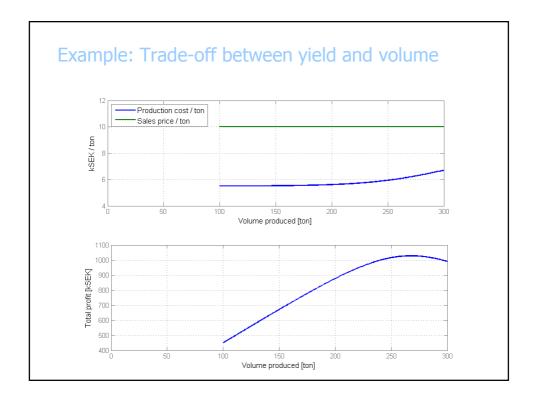


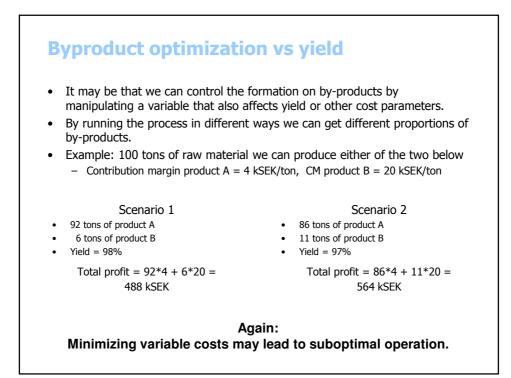


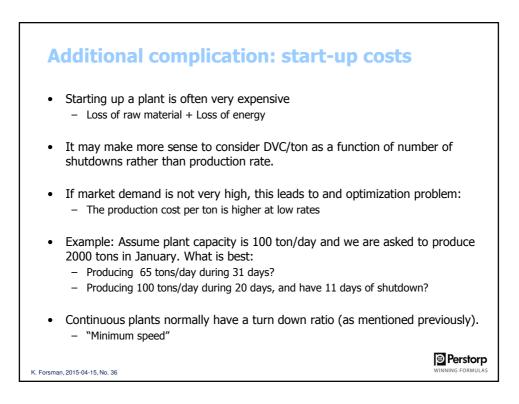


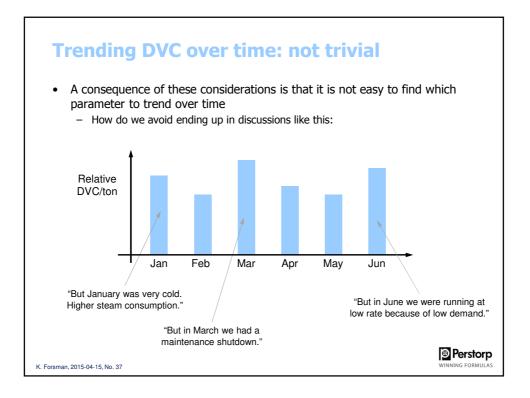


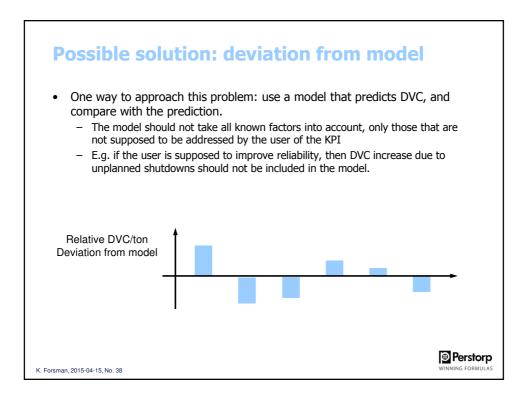


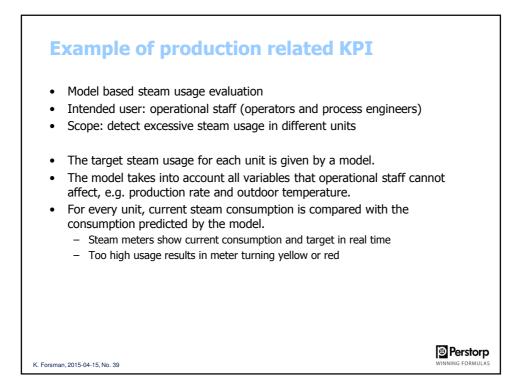


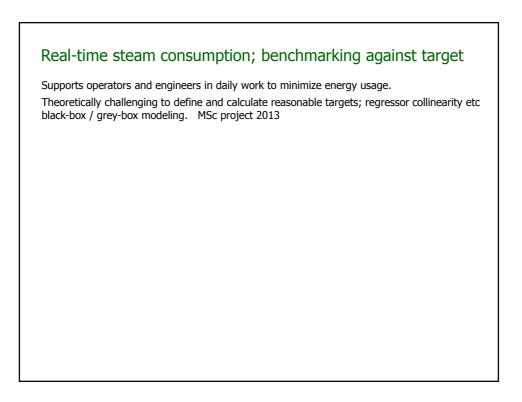


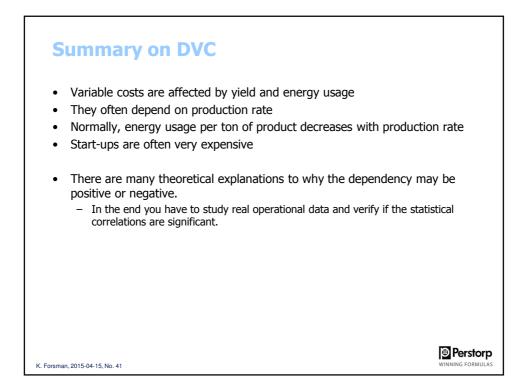


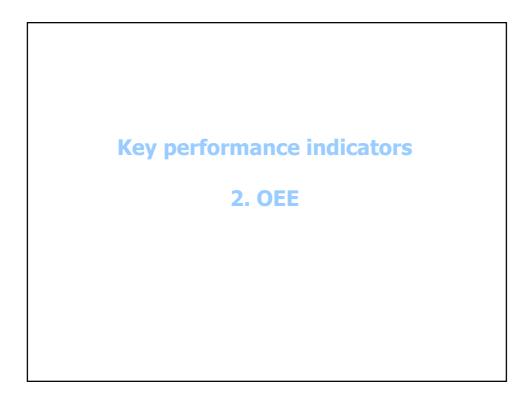


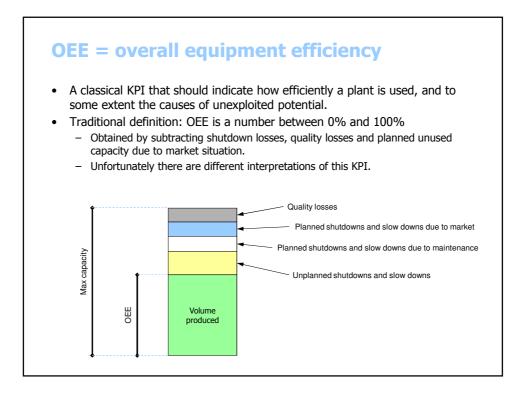


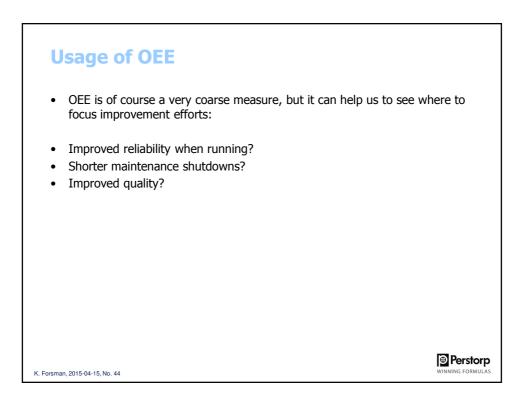


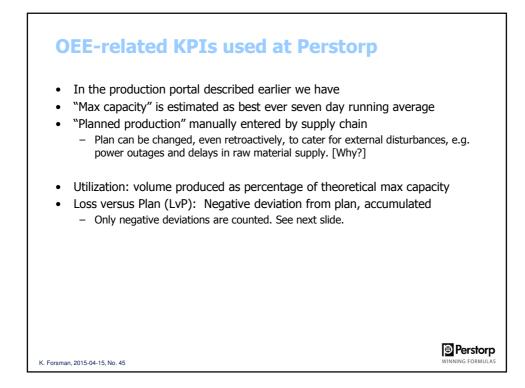


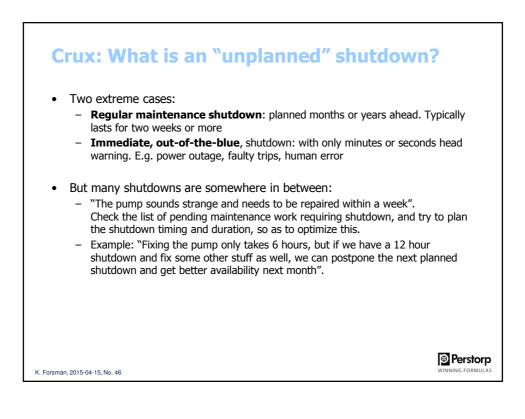


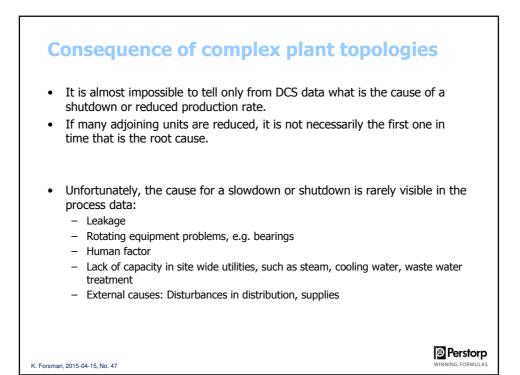












	ISO TC 184/SC 5 N 1143			
Standards?	Date: 2011-08-31			
	ISO/WD 22400-2			
	ISO TC 184/SC 5/WG 9 / N14			
	Secretariat: ANSI			
	Manufacturing operations management — Key performance indicators — Part 2: Definitions and descriptions of KPIs			
There are production KPI star	ndards down to very specific detail for			
manufacturing industry. But r	nany of those are hard or impossible to carry over			
to continuous processing. Exa	1			
 A continuous plant has a turi typically around 60-70% of r 	n-down rate: it has a lowest possible production rate, naximum			
 Variable cost (SEK/ton) for product depends on production rate 				
 Start up time and start up co 	osts may be substantial (MSEK, days)			
	not "on" or "off". It is fed with a continuous valued flow.			
	roduct not meeting spec may be acceptable by some			
customers, or possible to sel				
K Earman 2015 04 15 No. 49				

