

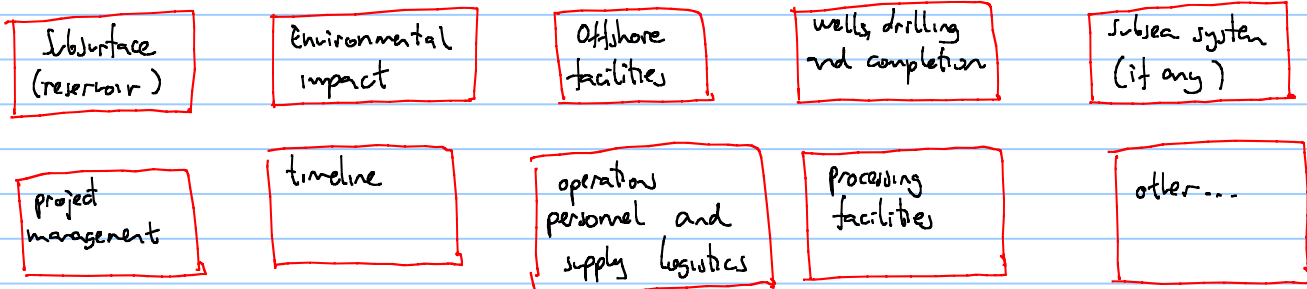
Videos, lecture notes and class files can be found at :

<http://folk.ntnu.no/stanko/Courses/TPG4230/2018/>

Additional information here: <http://www.ipt.ntnu.no/~stanko>

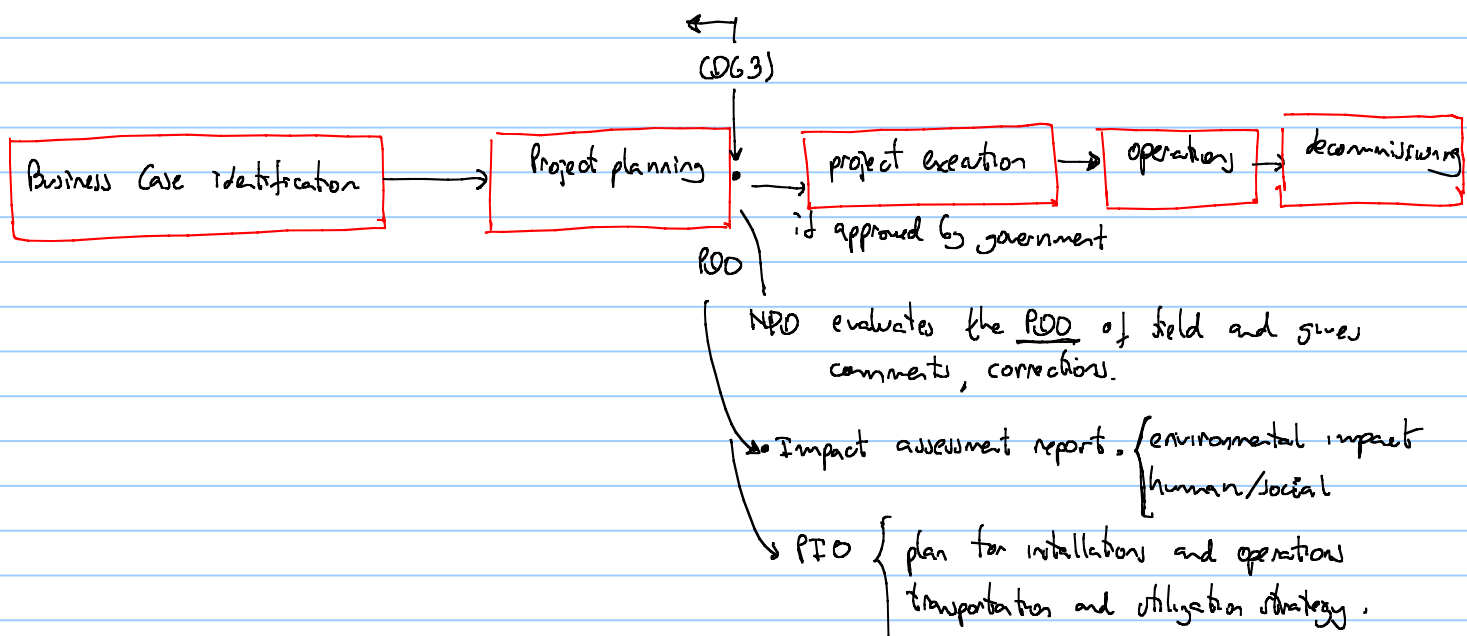
Class activity (and also problem 1 of Exercise set 1). Read quickly through the PDO of the Hebron field: http://folk.ntnu.no/stanko/Courses/TPG4230/2018/Class_files/20180109/PDO_Hebron_project.pdf

List most activities that were performed prior to the PDO. Group them in categories:

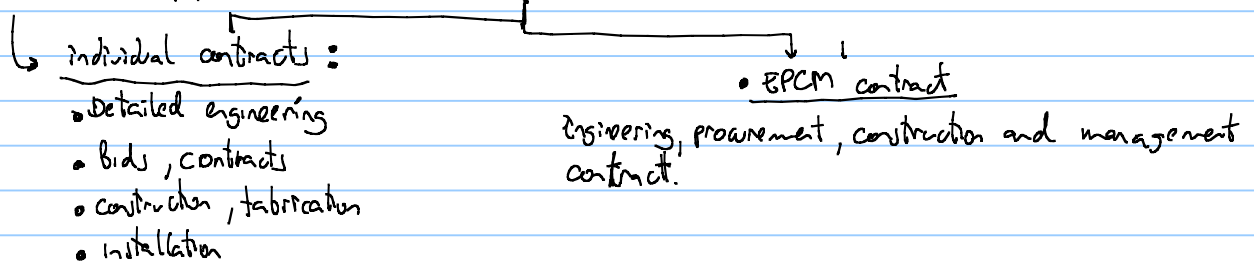


Compare them with the activities listed in the PDO description document from the NPD (Norwegian petroleum directorate): http://www.npd.no/Global/Engelsk/5-Rules-and-regulations/Guidelines/PDO-PIO-guidelines_2010

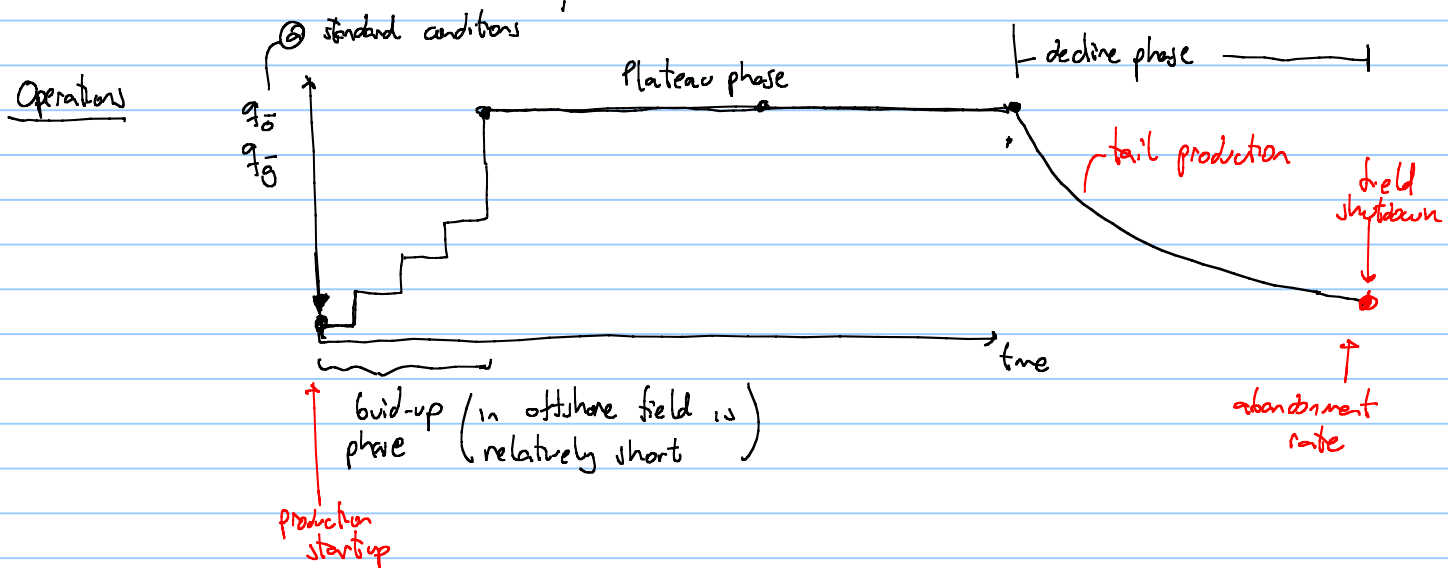
Create a Gantt chart of the project (according to your interpretation, do not copy the one on the PDO). Create the Gantt in excel, showing the main activities, their start and end and the main milestones in the project. Example: <http://www.excel-easy.com/examples/gantt-chart.html>



Project execution: detailed design, procurement, construction, installation and commissioning of all equipments and facilities of the field.



- well drilling (well construction)
- system testing
- prepare hand-over to operations { courses
user manuals



- produce as planned as efficient as possible { low production costs }
 - maintenance
 - troubleshooting
 - optimization
 - implementation of EOR and IOR methods → { increase recovery factor
maintain production
increase production
- enhanced oil recovery → improved oil recovery