# (Re-)scheduling options for ongoing projects

# Starting points and objective



- Scope:
  - Projects that need to be updated and re-scheduled due to (significant) changes during the execution
  - Projects that are imported or entered in LYNX “half-way” and have tasks that already have been completed

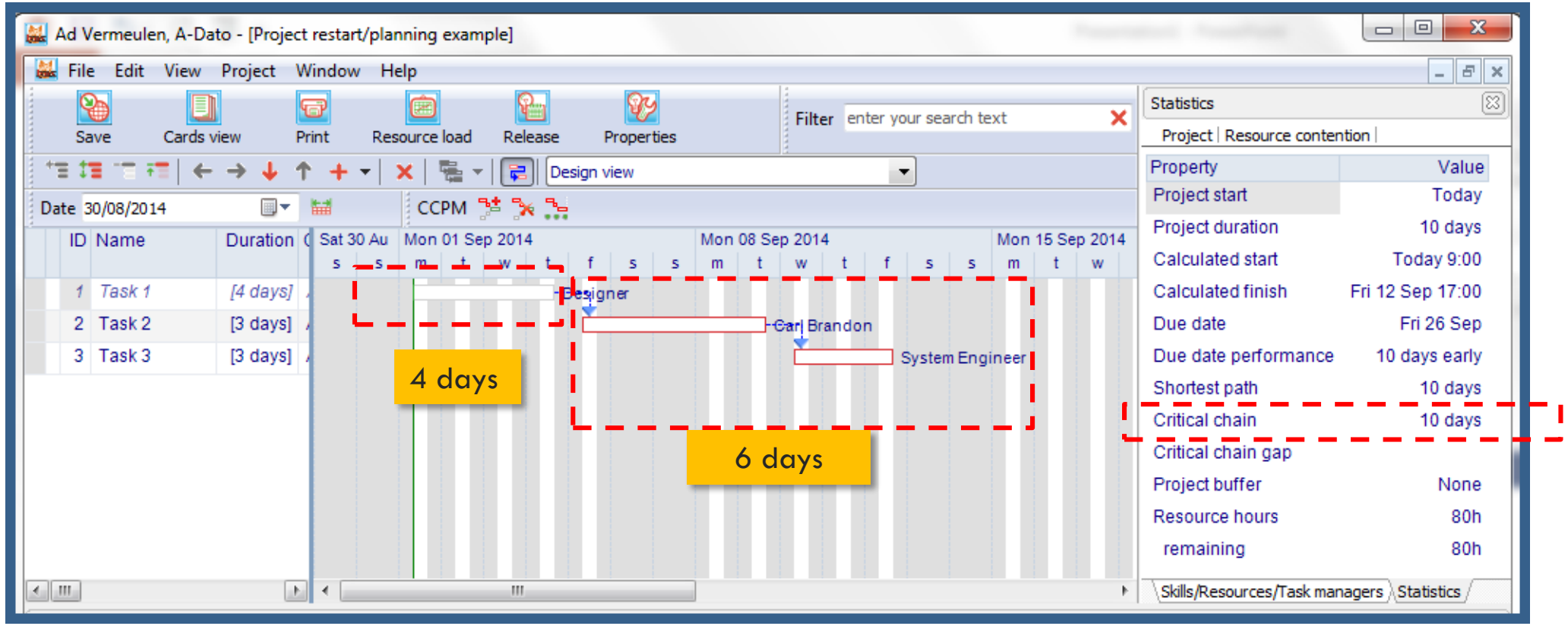
- Objective:
  - To recalculate a realistic and appropriate buffer-size
  - To ensure a correct status and position of the project in the fever chart in terms of:
    - Progress
    - Buffer consumption

- Behaviour is similar for Project Buffers and Milestone buffers

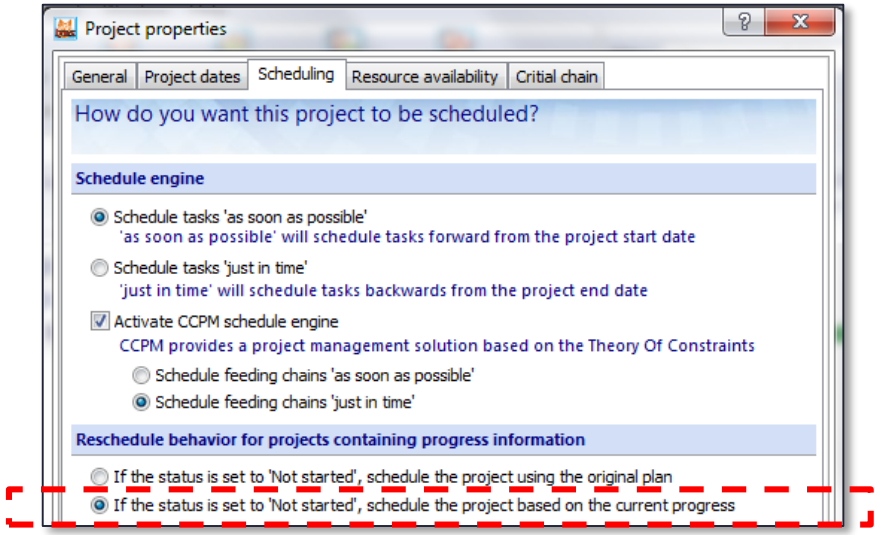
# Example:

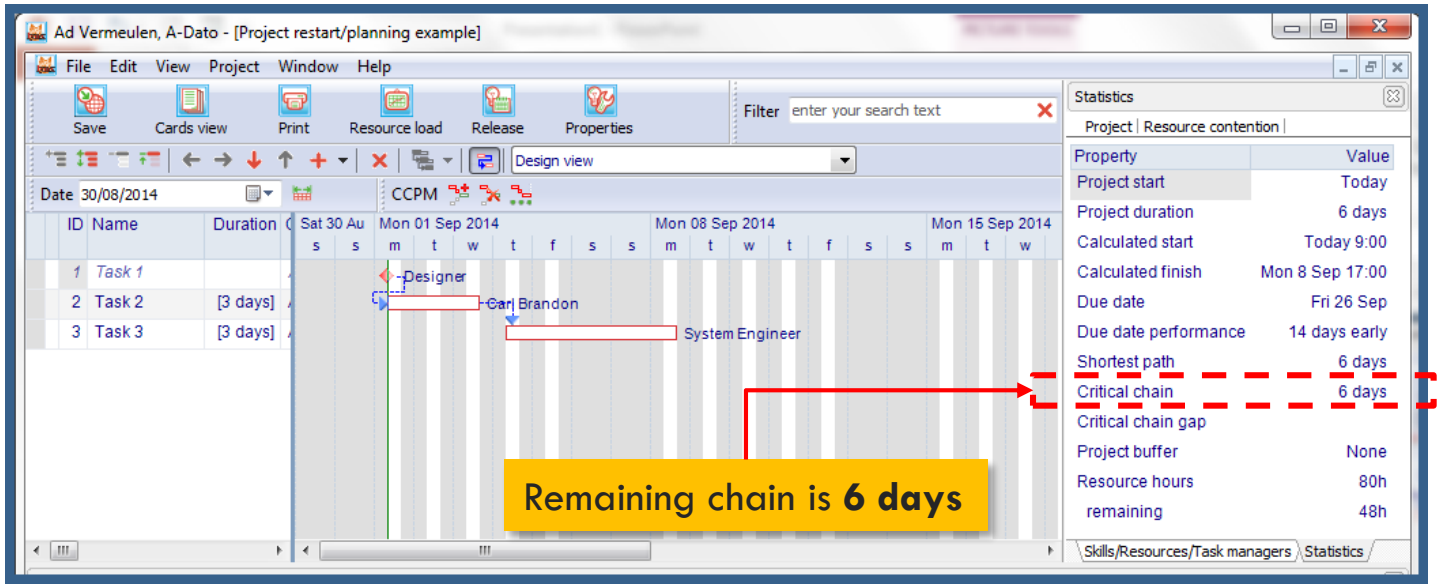
*Project of 10 days, of which 4 days have been completed and remaining chain is 6 days*



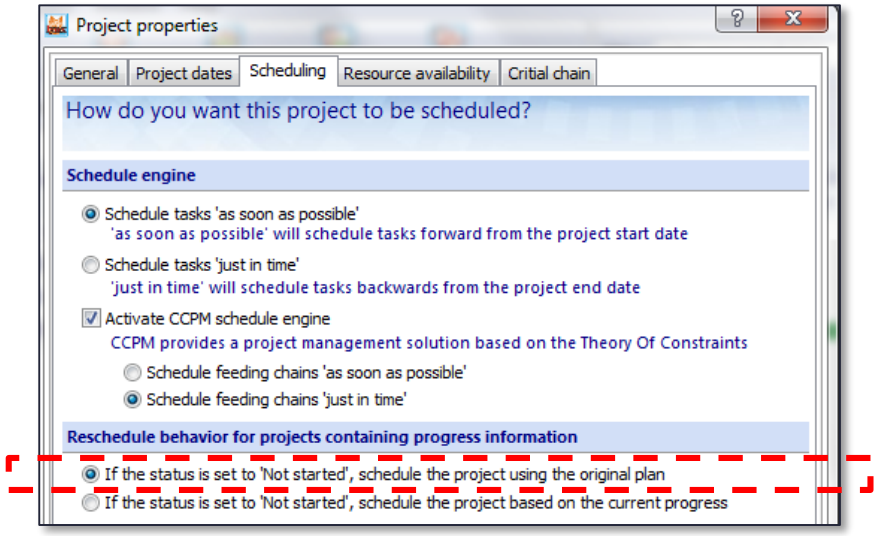


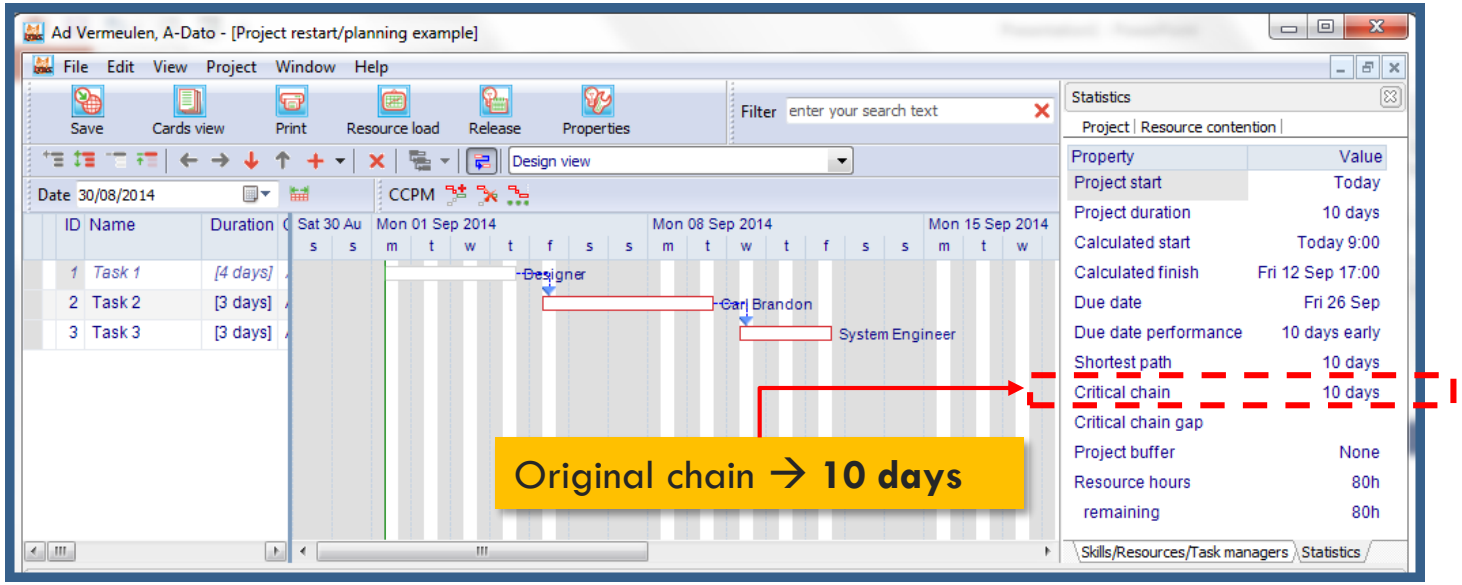
**OPTION A:** Buffers are (re-)calculated based on the **remaining** length of feeding and critical chains (excluding the length of completed tasks)




**OPTION B:** Consider the **original** length of the chain(s) including already **completed steps in the original plan,** when calculating the new buffer sizes



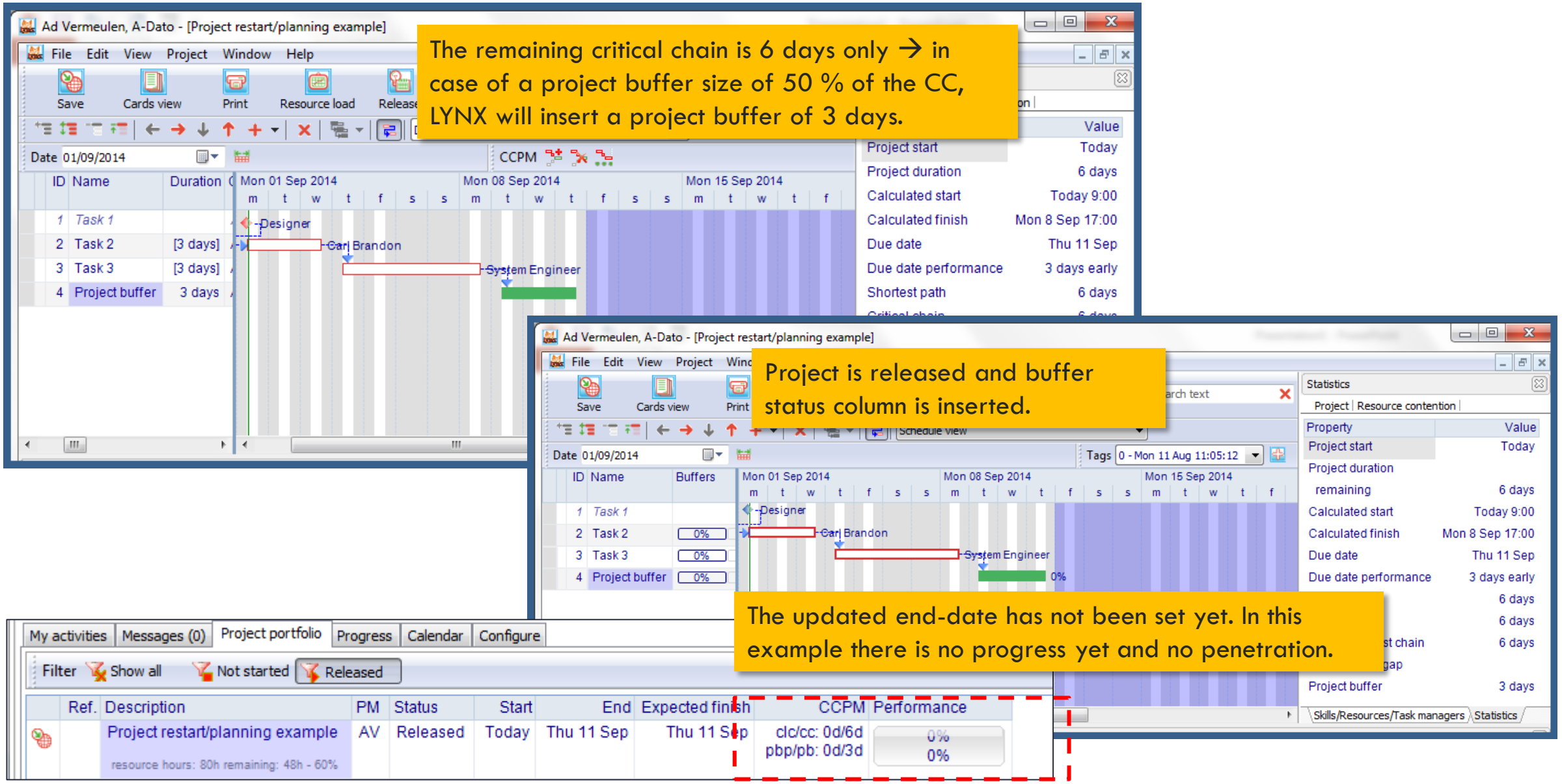



# Option A

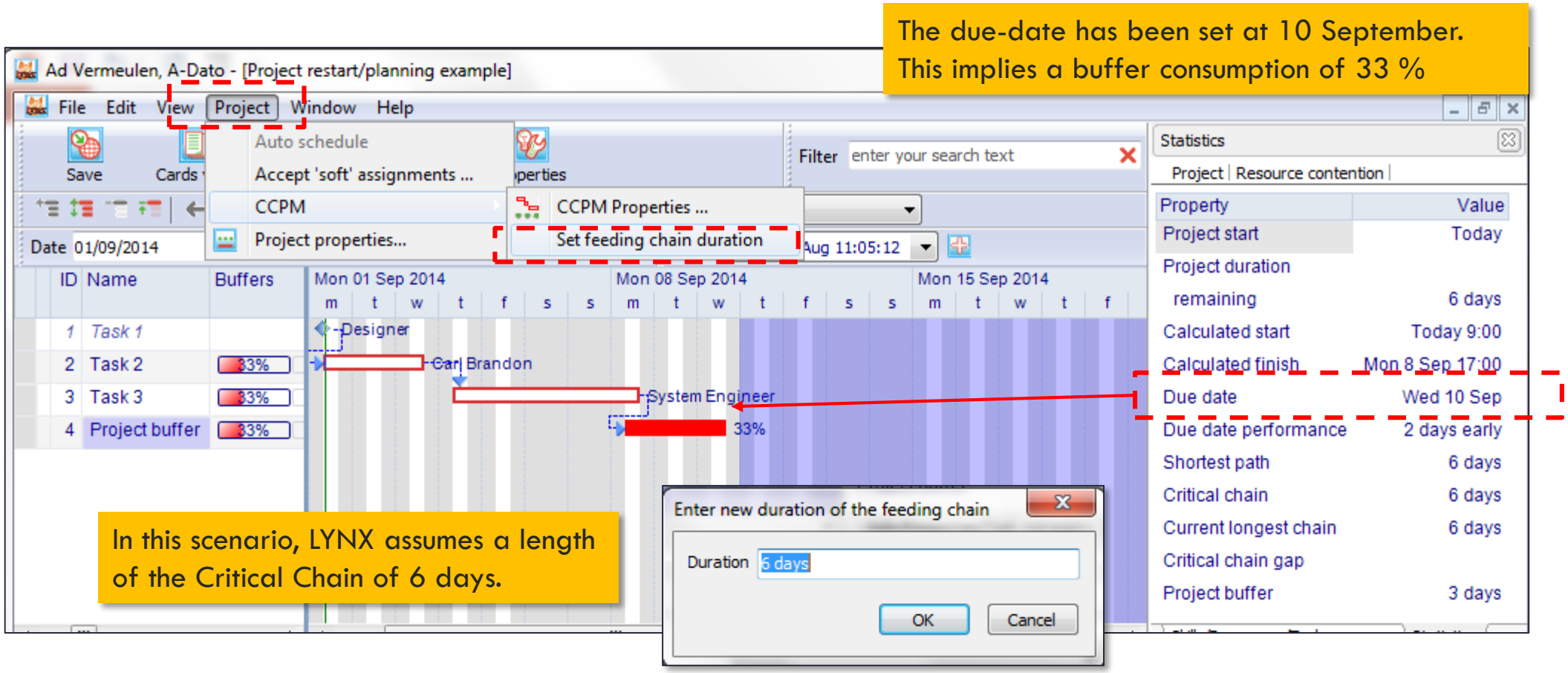
**Recalculate project and buffer sizes**

*Based on the critical chain for remaining tasks only!*

# Option A: Re-schedule with remaining chain only

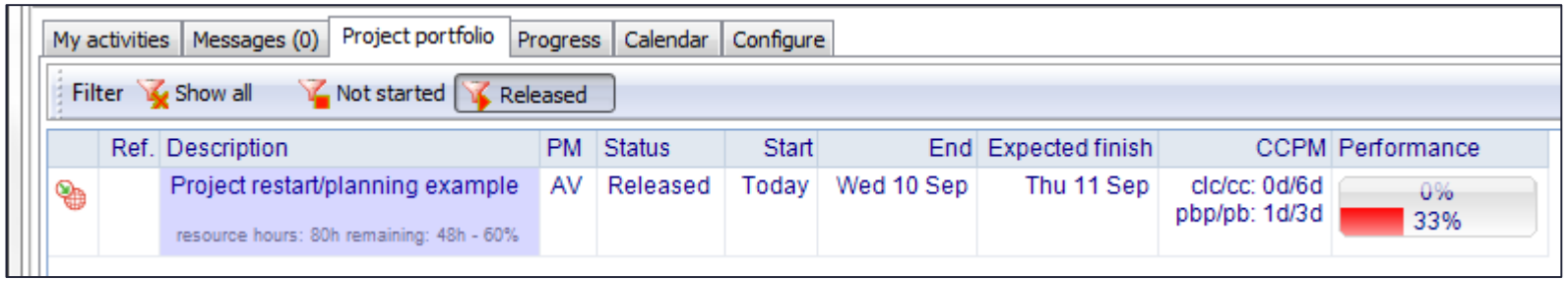


# Position the end point of the buffer by setting a (new) due date.

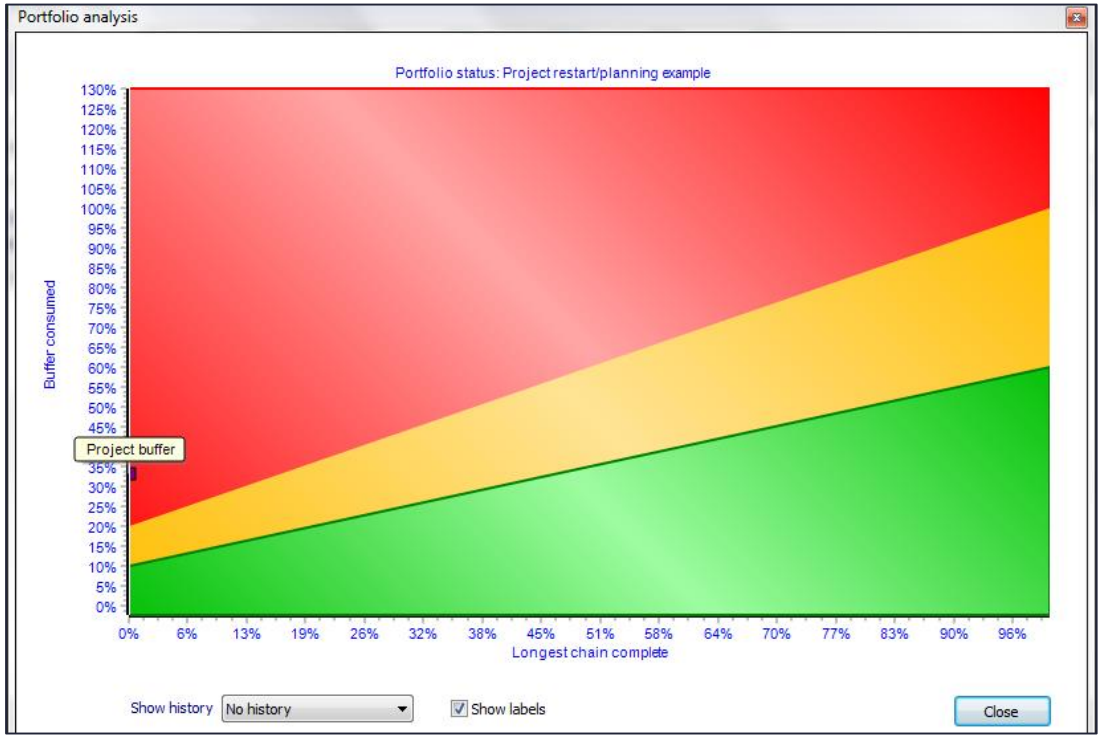


# After re-releasing the project….

## *What is the effect in the buffer status monitoring?*




The buffer status shows 33 % buffer consumption (1 day) but **NO PROGRESS.**




This is not a reflection of reality since the project has made **4 days progress**

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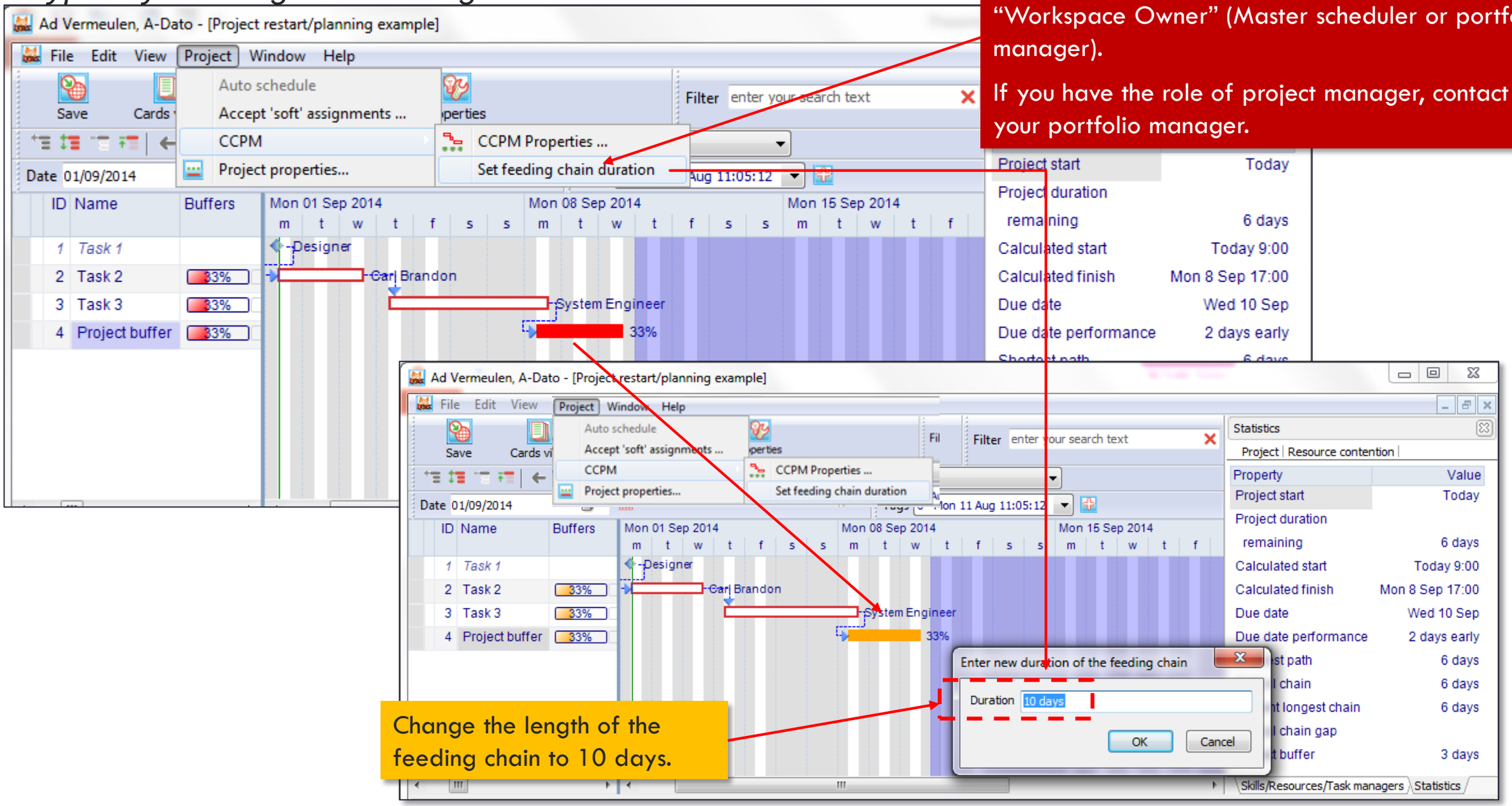
# Change the feeding chain duration to show progress

*Typically the length of the original Critical Chain is set*

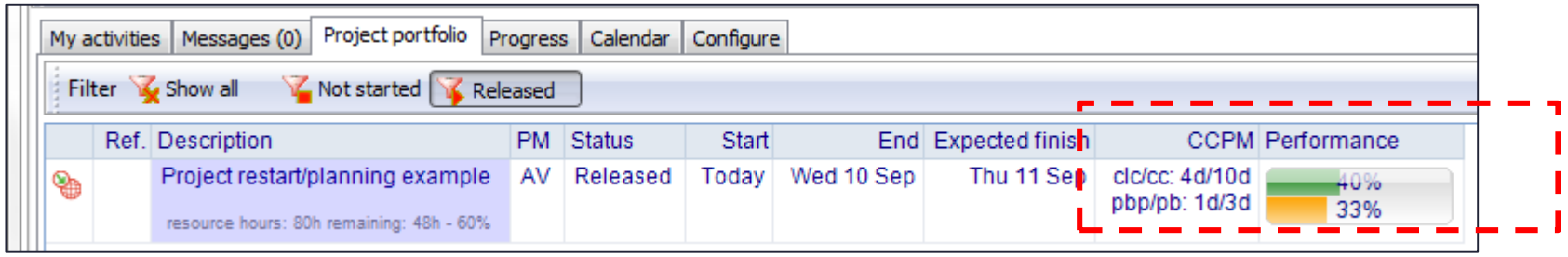
Currently the function **"Setting the feeding chain duration"** is available only for users with the role "Workspace Owner" (Master scheduler or portfolio manager).

If you have the role of project manager, contact your portfolio manager.

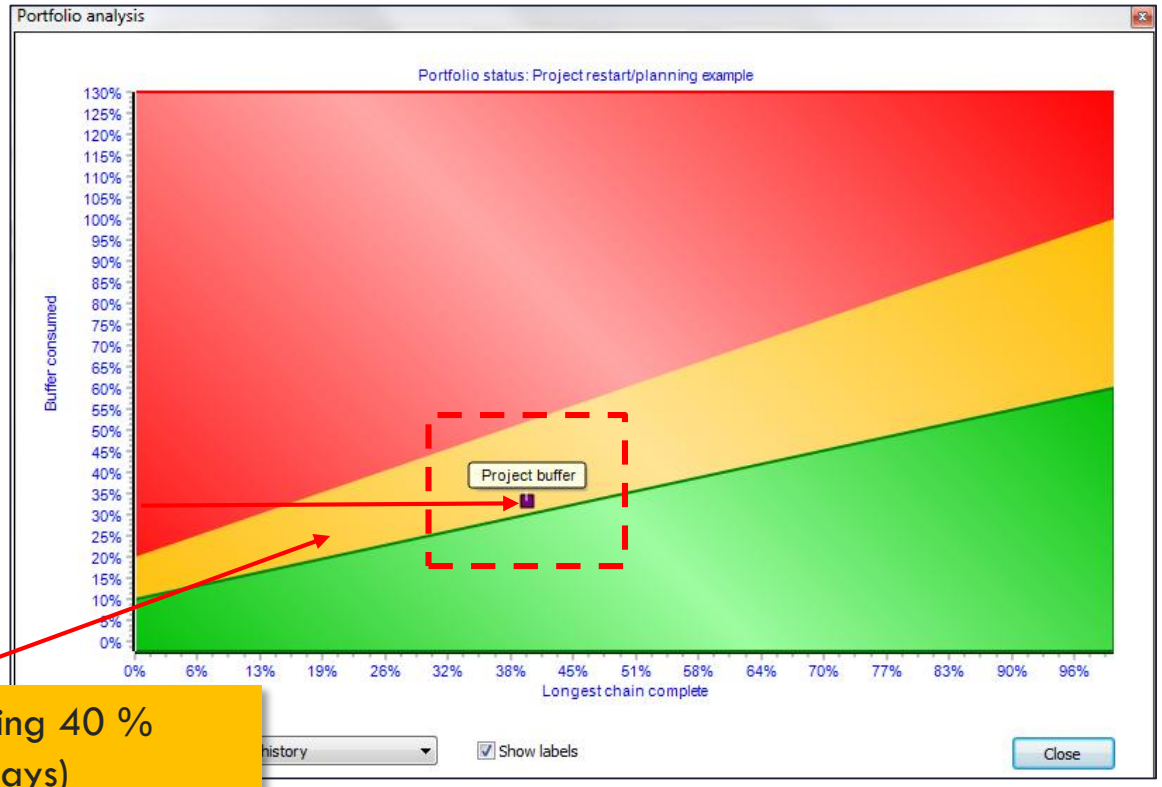



Change the length of the feeding chain to 10 days.

# Result after updating the “feeding chain”




The result is that the rescheduled project is showing a realistic progress and buffer consumption.

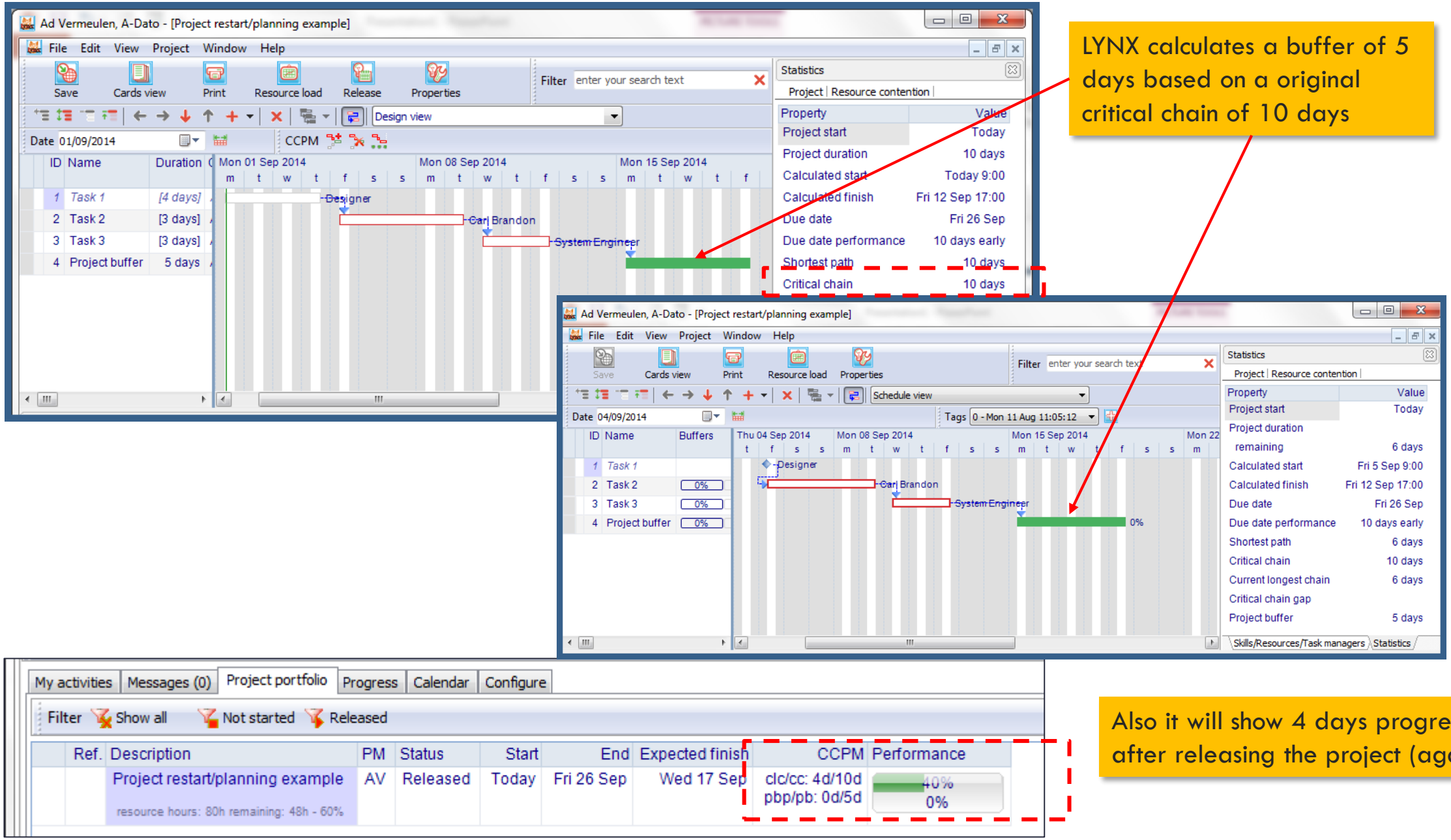



The project is now showing 40 % progress (4 out of 10 days)

# Option B

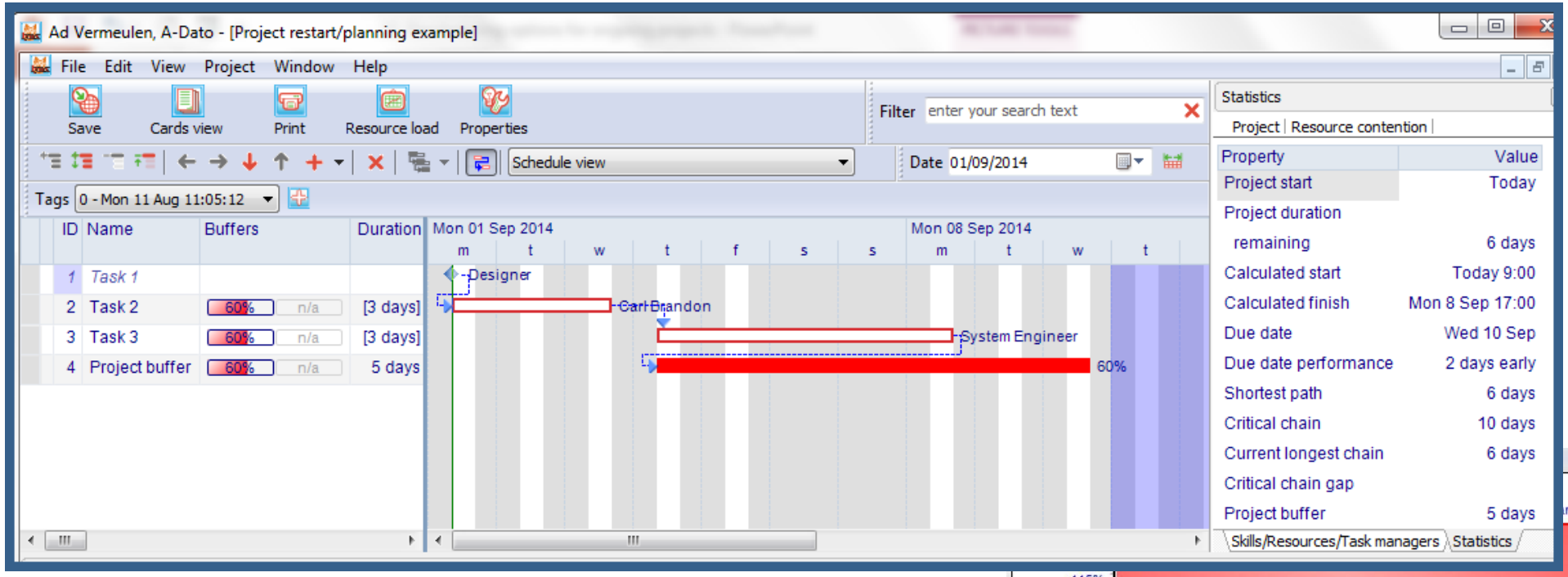
**Recalculate project and buffer sizes**

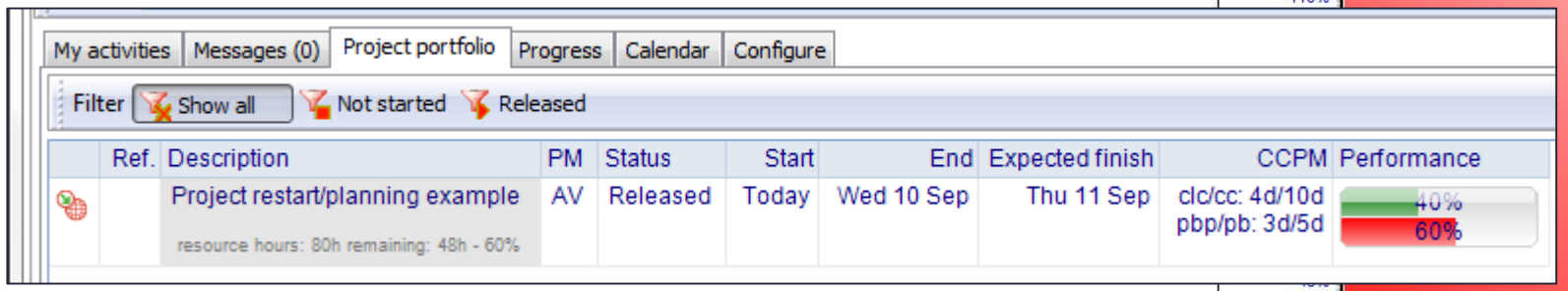
*Based on the original length of the critical chain (including completed tasks)*

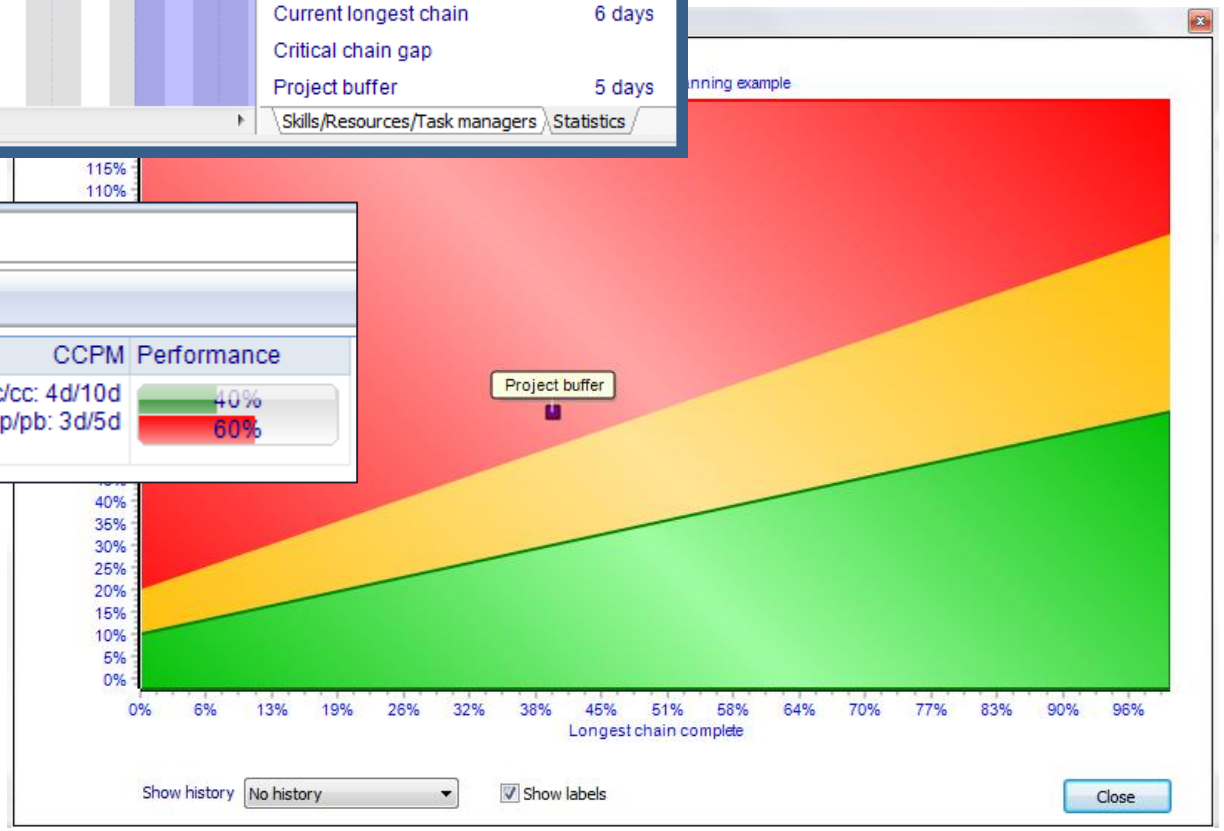



LYNX calculates a buffer of 5 days based on a original critical chain of 10 days

Also it will show 4 days progress after releasing the project (again).




If the end-date the same and again 10 September, the progress is 40 % (the same) but the buffer-consumption is now 60 %