

Instructions - Frontend

# AR/MR applications for workers and supervision in shipyards

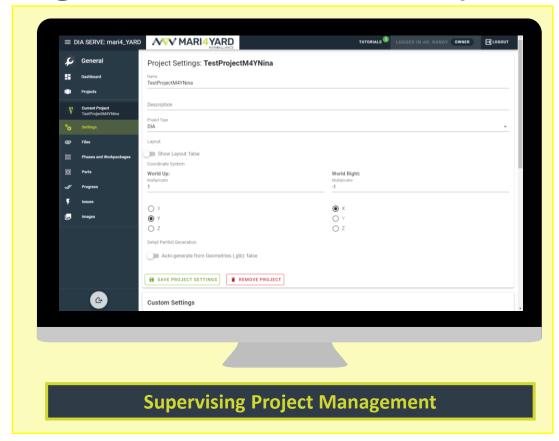
**IPMT: Vincent, Nina** 

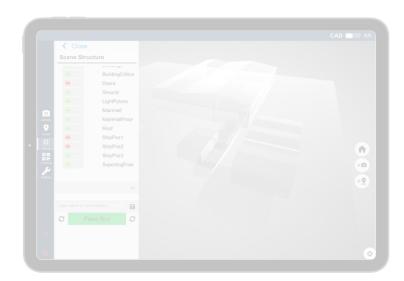
16 April 2024 – Hamburg University of Technology





# Digital Assistant - System Structure

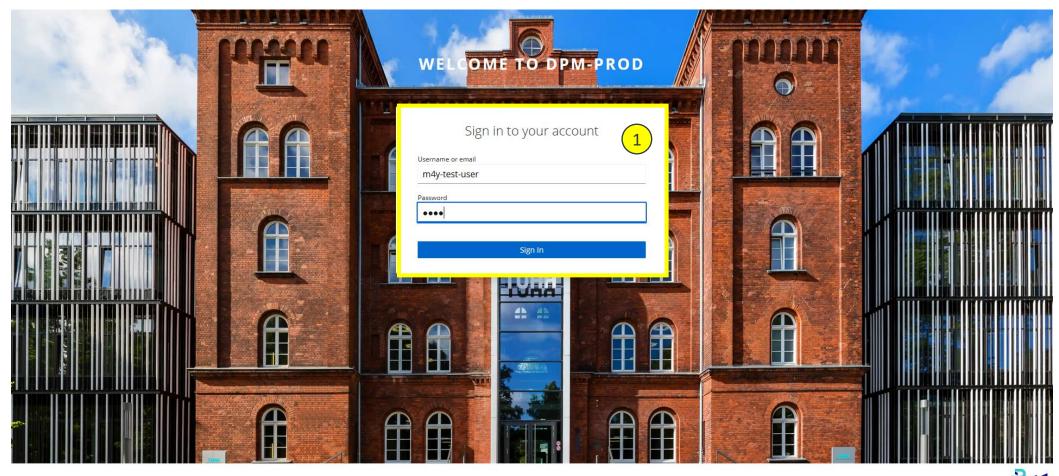




**Mobile Execution Application** 

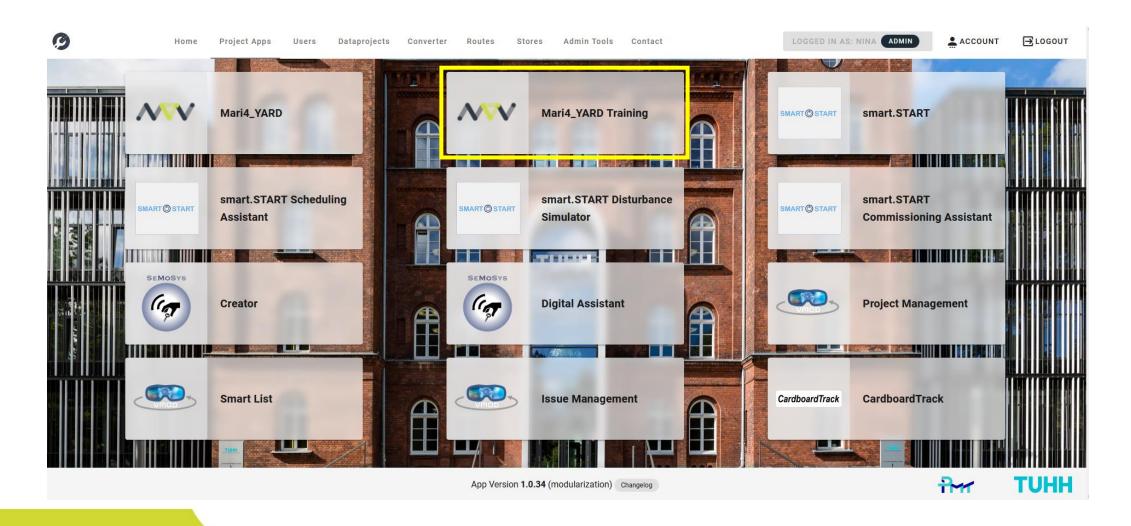


# 1. Sign in and open Project App "Mari4\_YARD Training"



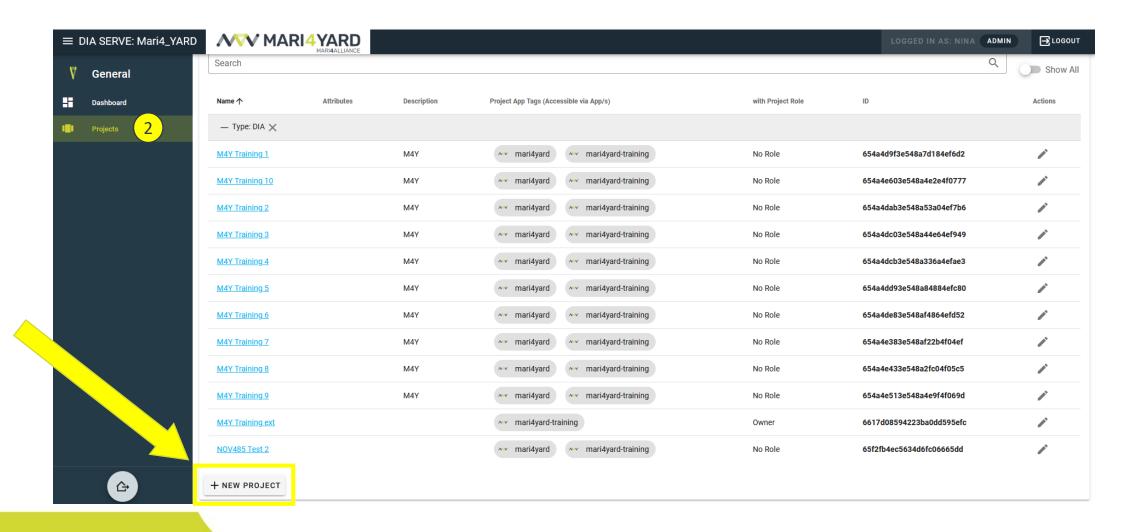


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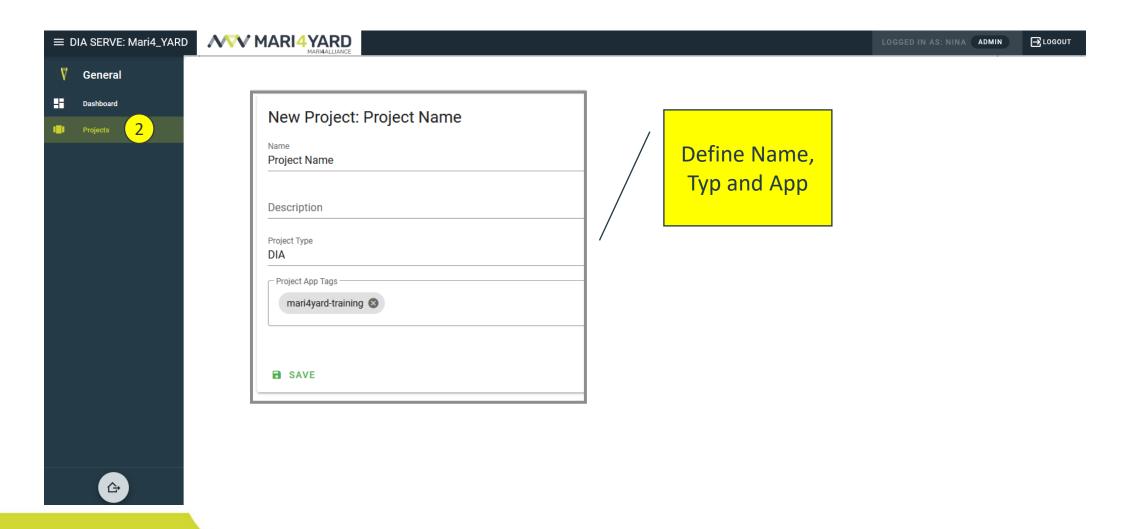


#### 2. Create new Project



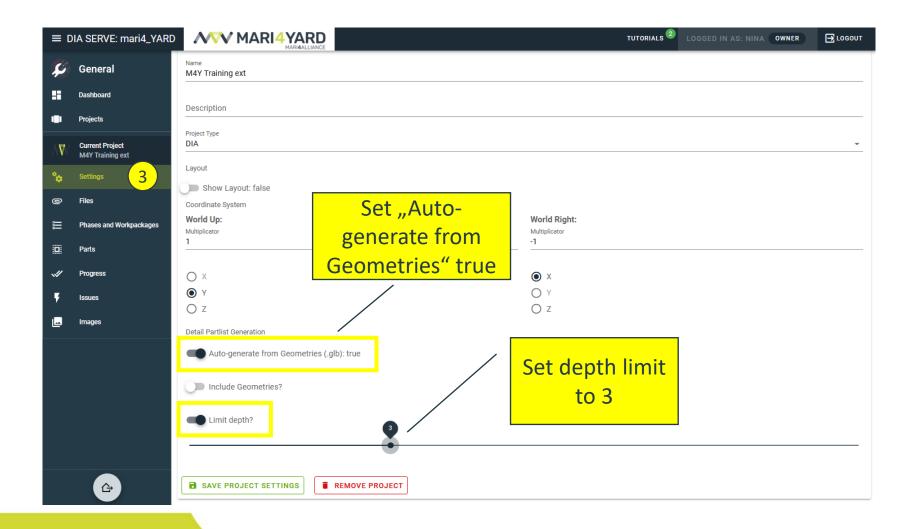


## 2. Create new Project



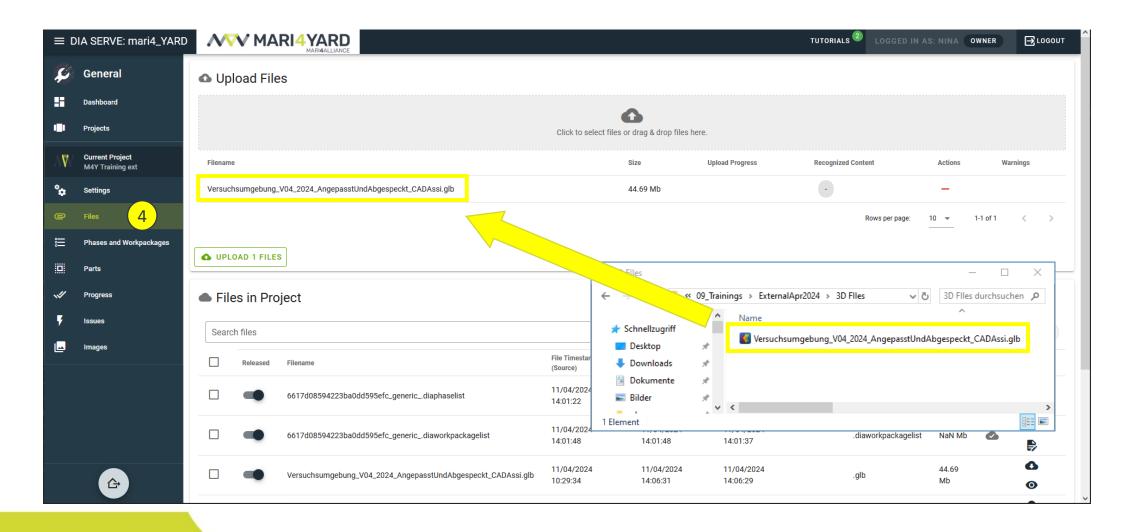


### 3. Adjust relevant settings



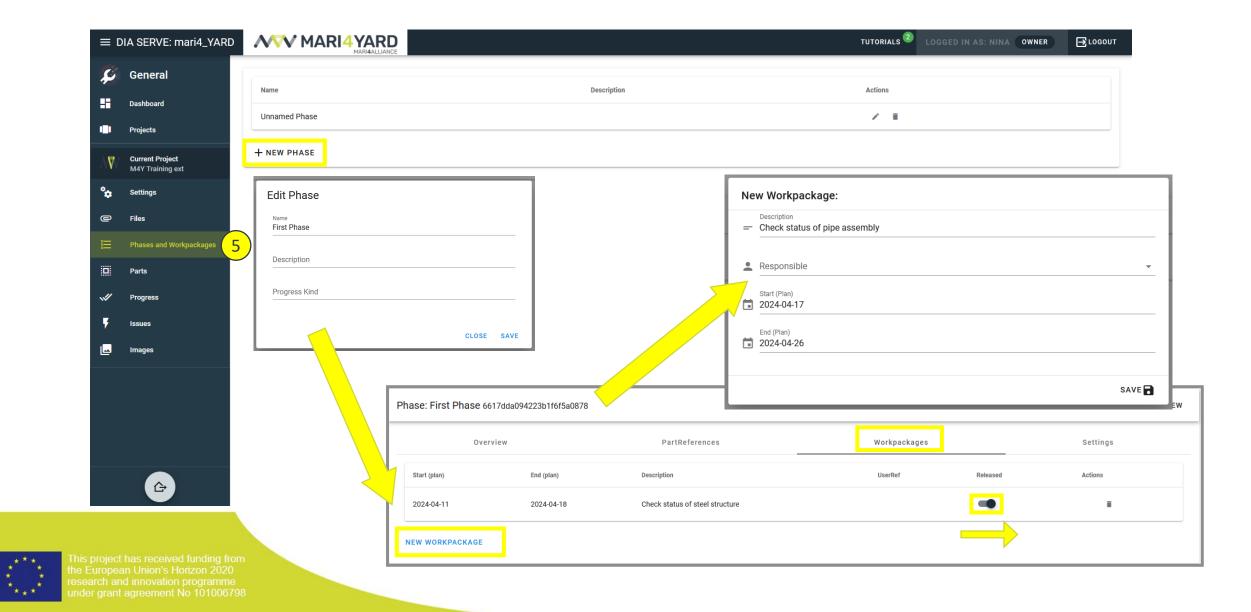


#### 4. Upload 3D File



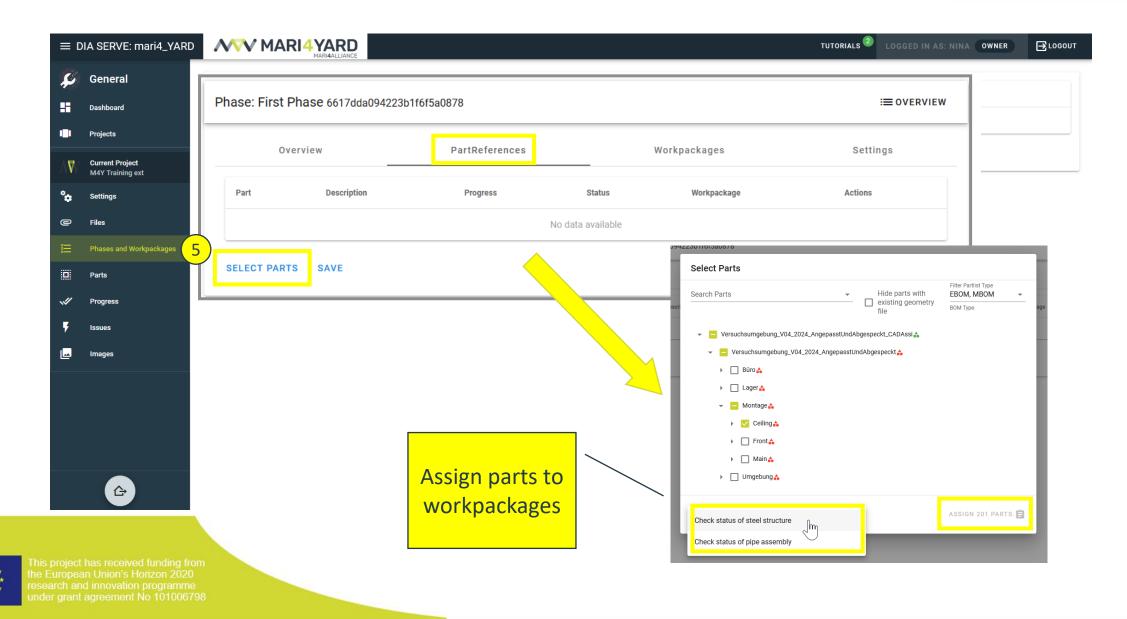


## 5. Define phases and workpackages



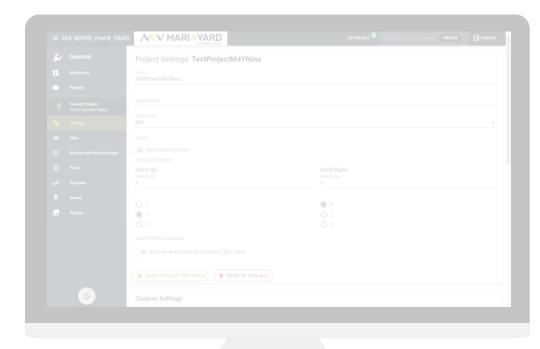


#### 5. Define phases and workpackages





# Digital Assistant - System Structure

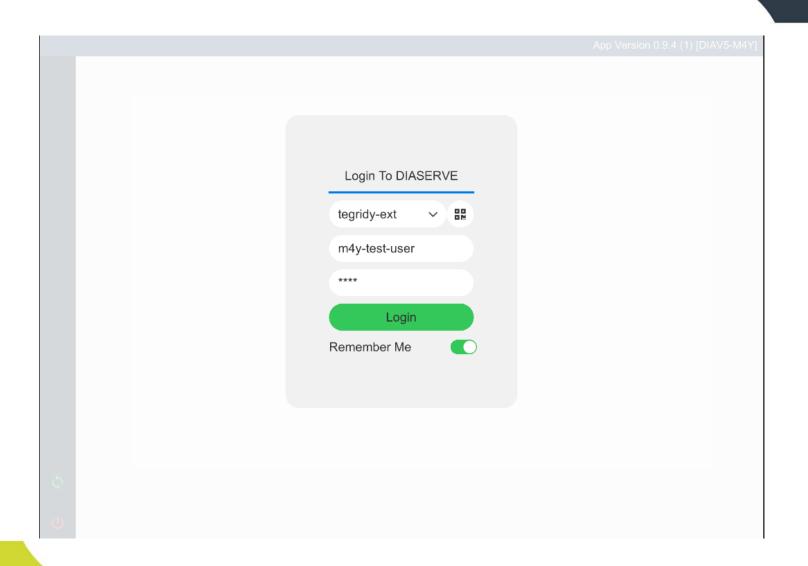


**Supervising Project Management** 



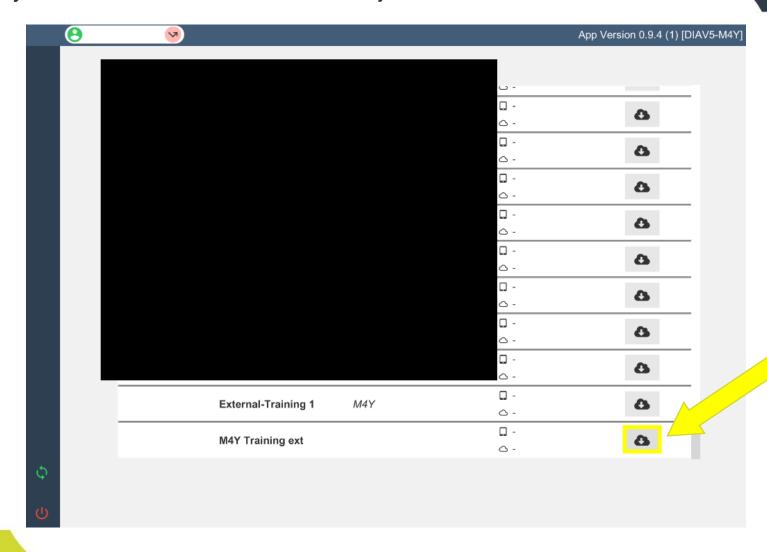


# 1. Login



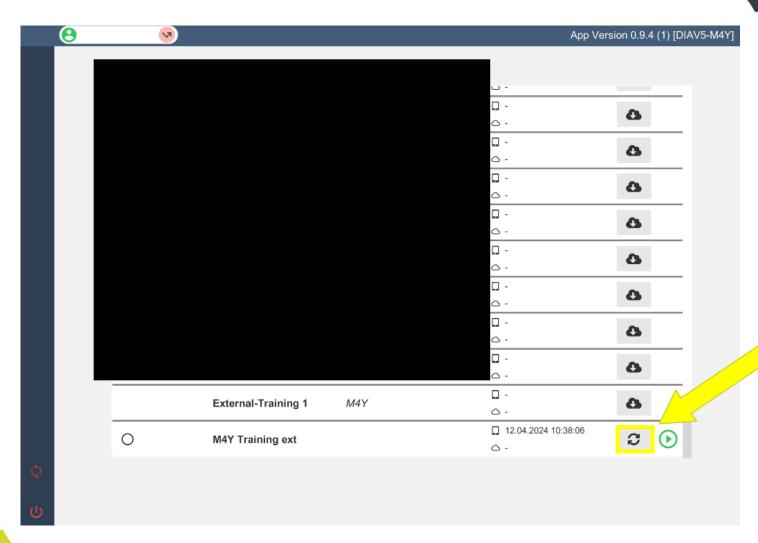


# 2. Initial Prozess Synchronization and choose Project



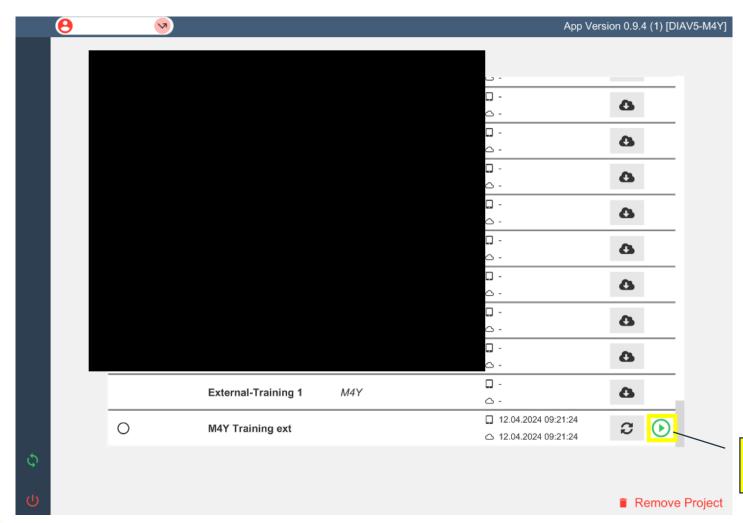


# 3. Final Synchronization





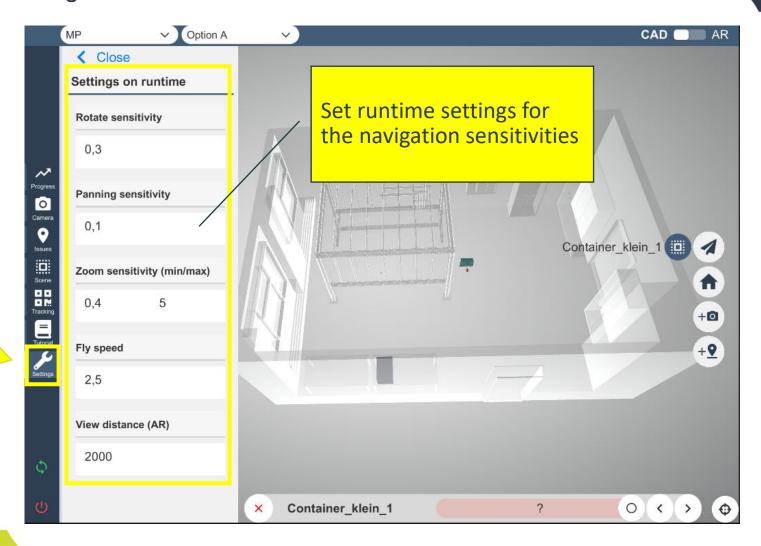
# 4. Start Project



Start Project

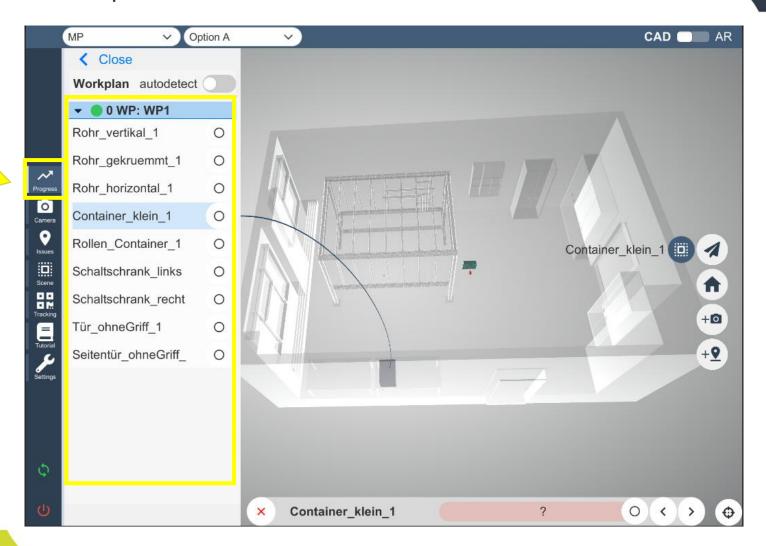


#### 5. Adjust relevant settings



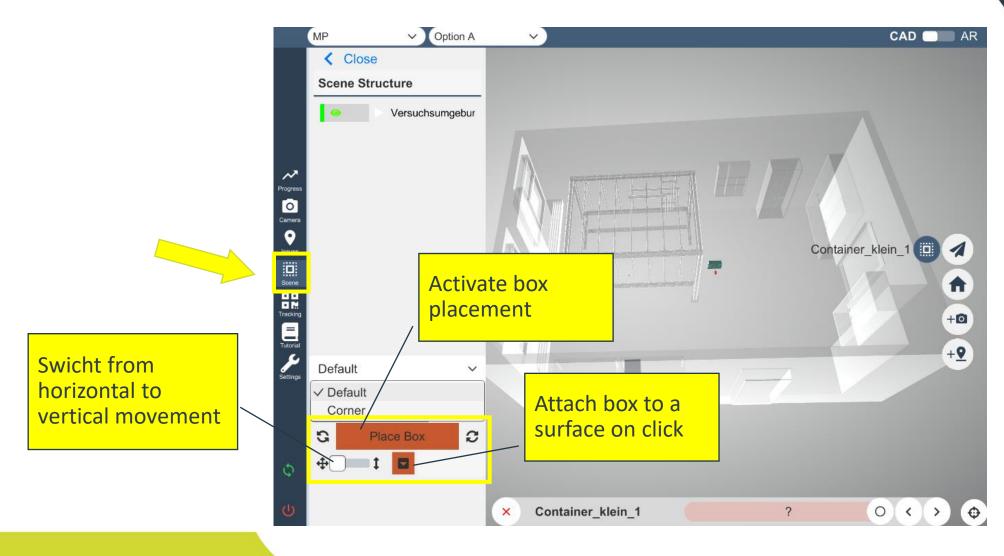


#### 5. Check Workplan with steps



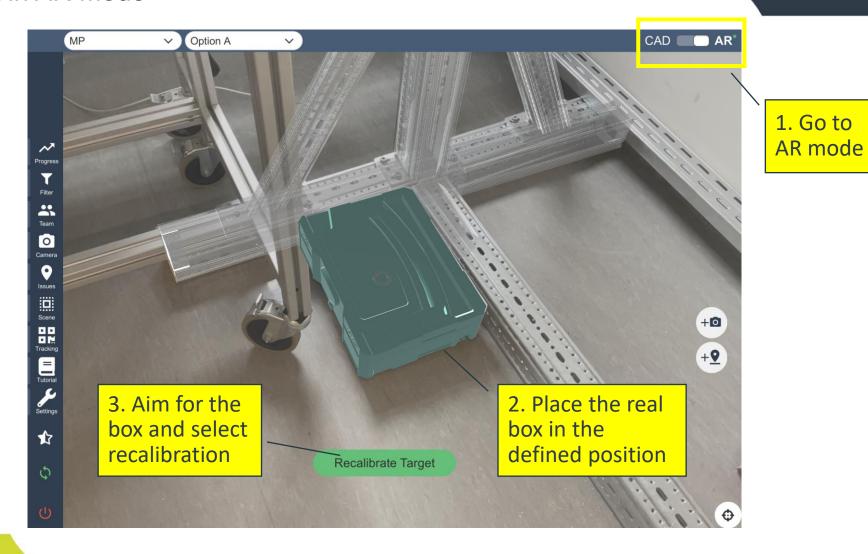


#### 6. Box Placement in 3D Model





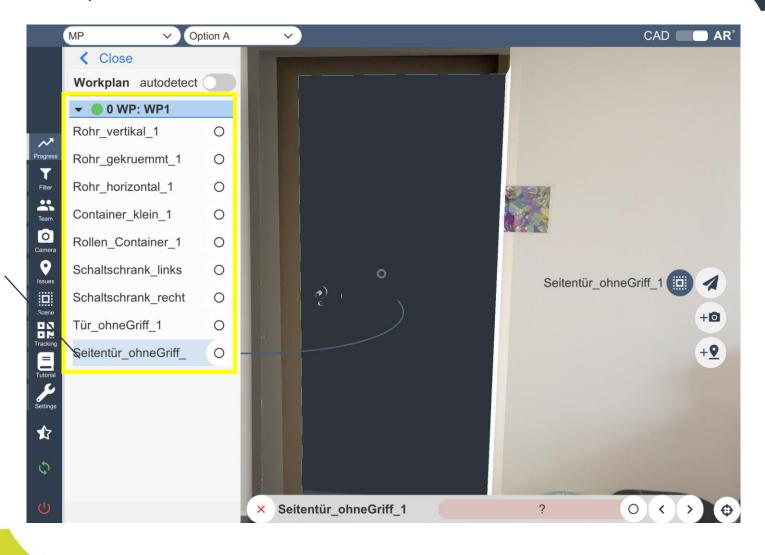
#### 7. Box Placement in AR Mode





#### 8. AR Navigation – Example Door

Navigate in AR to check assembly status





#### 8. AR Navigation – Example Pipe

Navigate in AR to check assembly status

