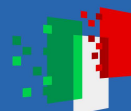




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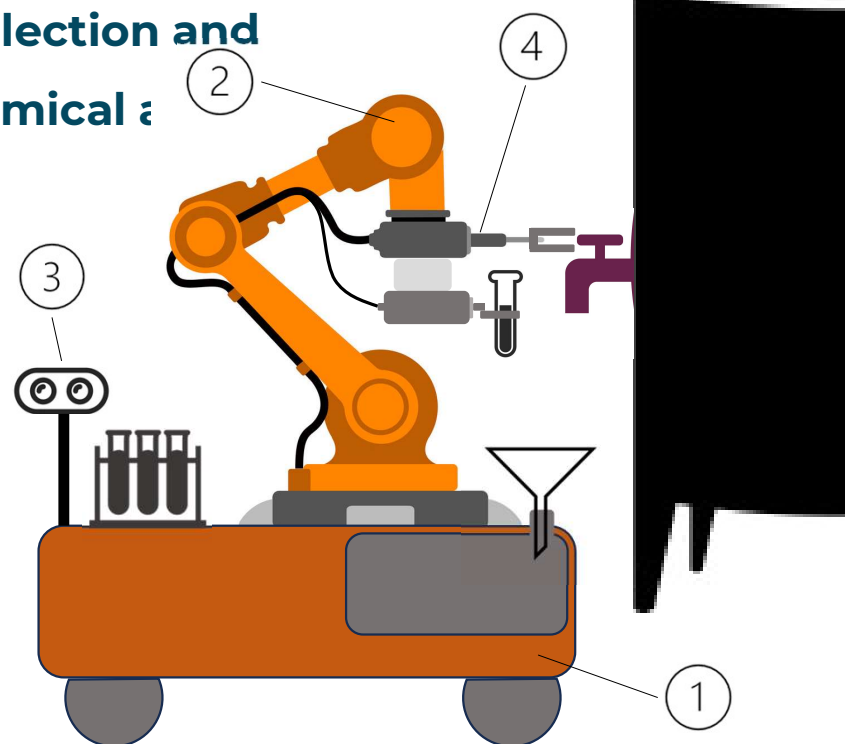


Italiadomani  
PIANO NAZIONALE  
DI RIPRESA E RESILIENZA



## Design of a mobile robot for wine samples collection and transport from barrels or vats for periodic chemical analysis

1. Mobile platform with waste wine tank and test tube holder
2. Robotic arm
3. Vision system
4. Customized double end effector capable of manipulating the test tubes, opening the tap and discarding the wine before sampling



Flagship project SADAIFO-PLANT  
(Subtask 1.1.3/1.1.5)