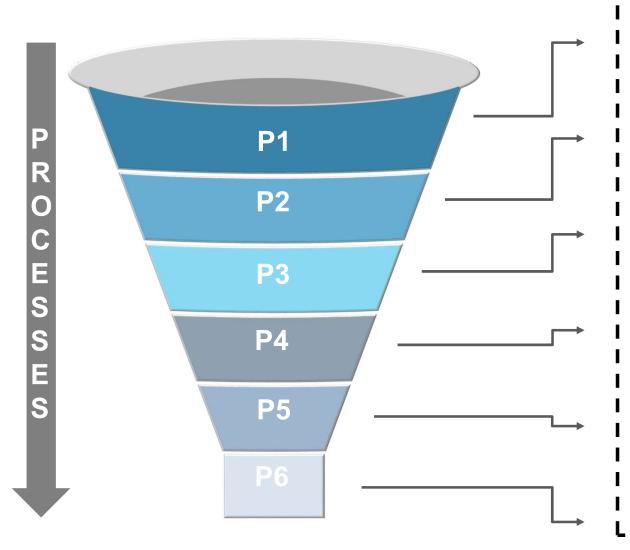
AMR- Analysis Workflow



Quality control (QC)

Compute several quality metrics on raw reads

Data cleaning & trimming

Trim low quality reads including filtering contaminations

AMR genotyping pipelines

Alternatives workflows for raw reads and assemblies based AMR profiling

Preliminary data visualization & statistics

R/Tidyverse package and scripts for analysis of AMR results data

AMR reporting and data interpretation

Rendering customized AMR reports

Outbreak & AMR surveillance toolkit

Integrate NGS with epidemiological and public health data to drive genomic surveillance