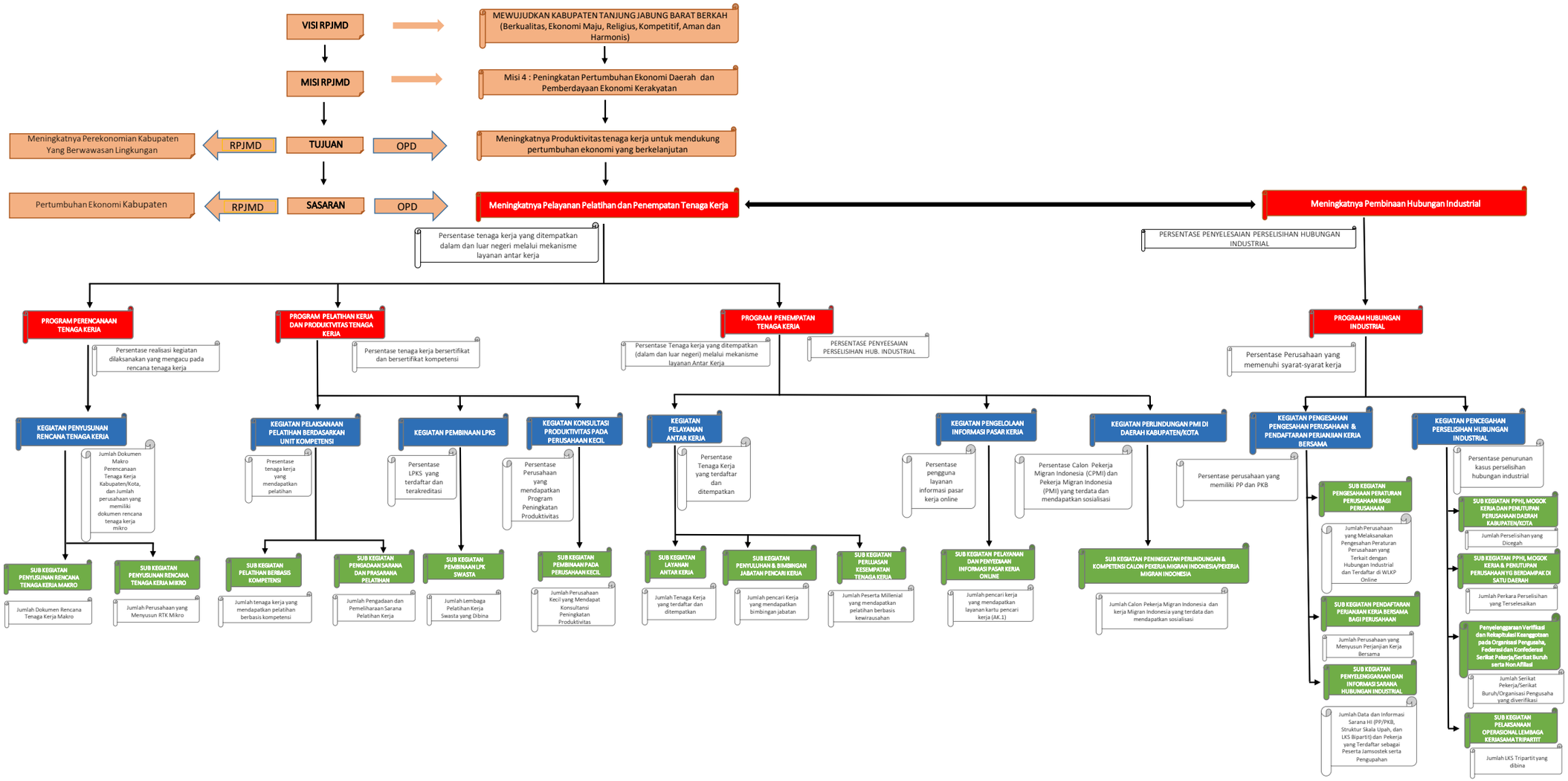# CASCADING 2022