



ISO 55013 ASSET MANAGEMENT

GUIDANCE ON THE MANAGEMENT OF DATA ASSETS

OLE JØRGEN MELLEBY

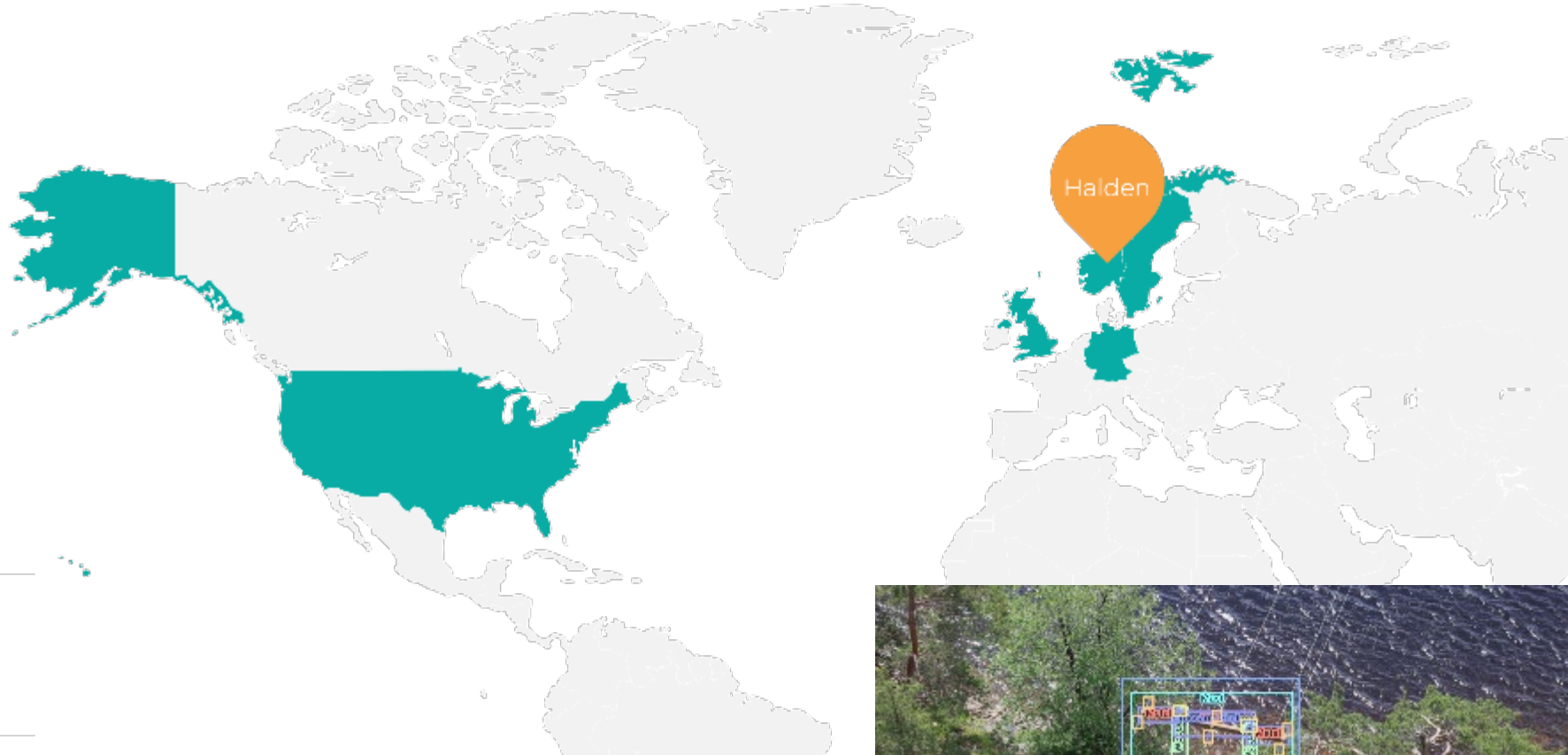
28. SEPTEMBER 2022
PUBLIC





INTRO

OM OSS



eSmart Systems founded

2013

Merged with Verico AS

2021

eSmart Systems



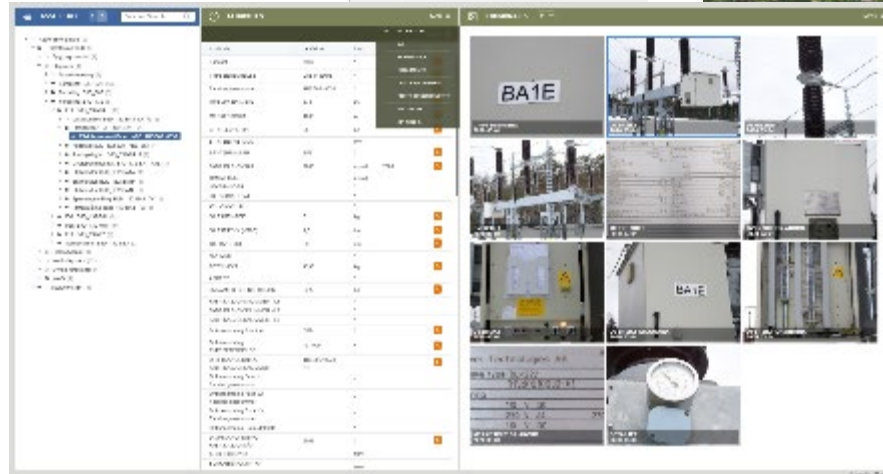
Employees

115



Locations

Halden, Oslo,
Stavanger, Stockholm,
The Netherlands, UK,
USA and Germany





ASSET MANAGEMENT

- Asset Management (Anleggsforvaltning)
- Asset Information Management
- Management of Information Asset



ISO 55013

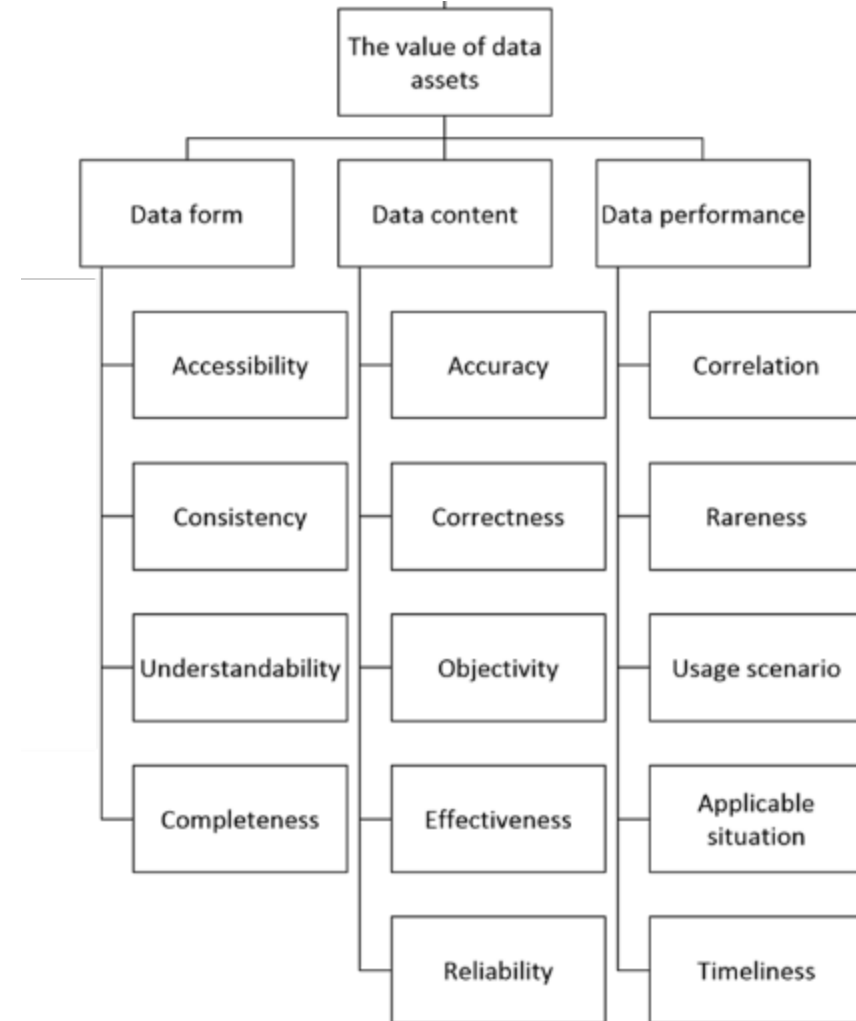
Proposal at Committee Draft Stage

- Asset management enables an organization to realize value from its assets in the achievement of its asset management objectives and by extension its organizational objectives.
- ISO 55000 is a foundation for implementing asset management,
- ISO 55001 requirements to establish and implement asset management systems.
- ISO 55002 gives guidance in meeting ISO 55000 and 55001
- ISO 55013 - gives guidelines for managing data to support an organization in meeting its asset management objectives
- By deriving meaning from data, and by managing data to ensure that they are of sufficient quality to meet asset management objectives they increase usefulness to the organization.



ASSET INFORMATION MANAGEMENT

- Asset register
- Asset history
- Asset data models - representation
- Asset data used for decisions
- Data users and use
- Availability for different users
- Asset data for older assets
- Asset data in different formats
- Asset data collected in different ways
 - Data entry, transaction from other systems, sensors etc.
- Cost of storage
- Data security
- Degradation of data



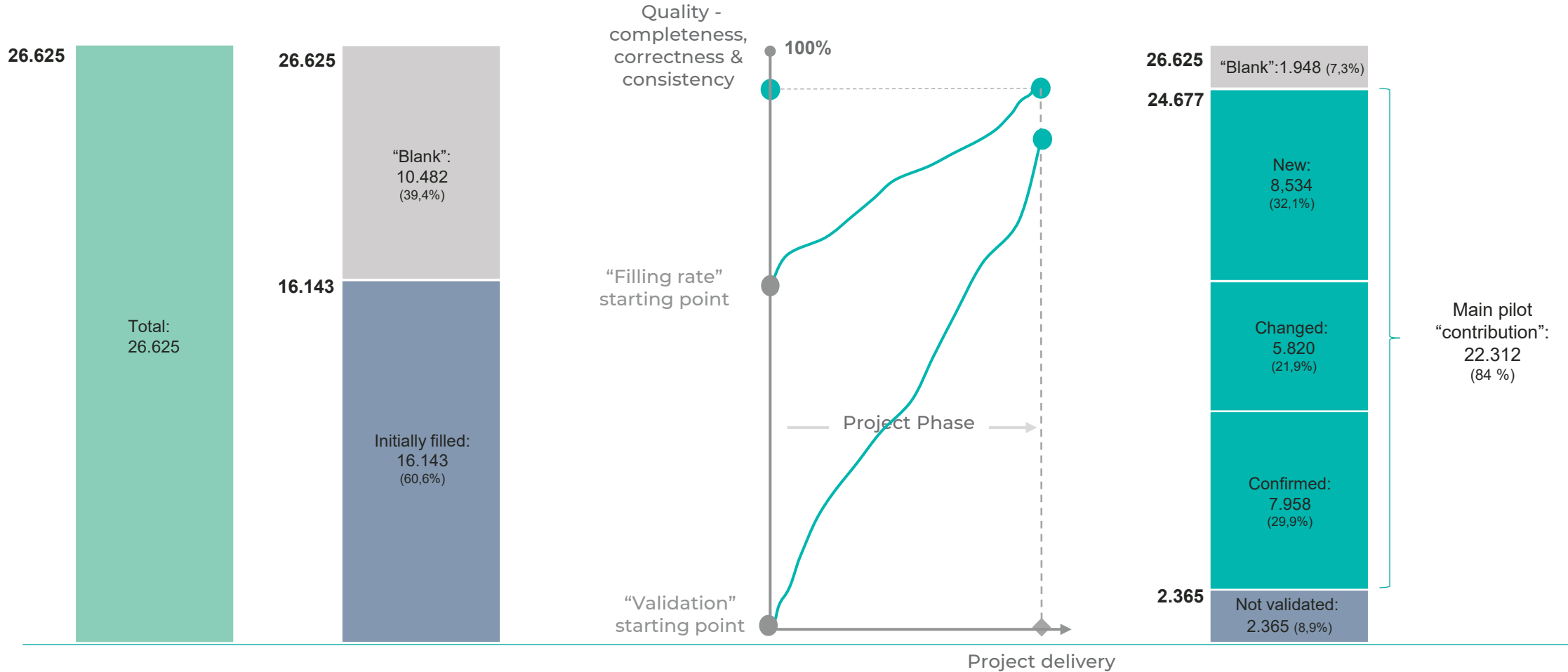


BATCH 1 & 2

ATTRIBUTE STATISTICS - ALL ATTRIBUTES (IN SCOPE)

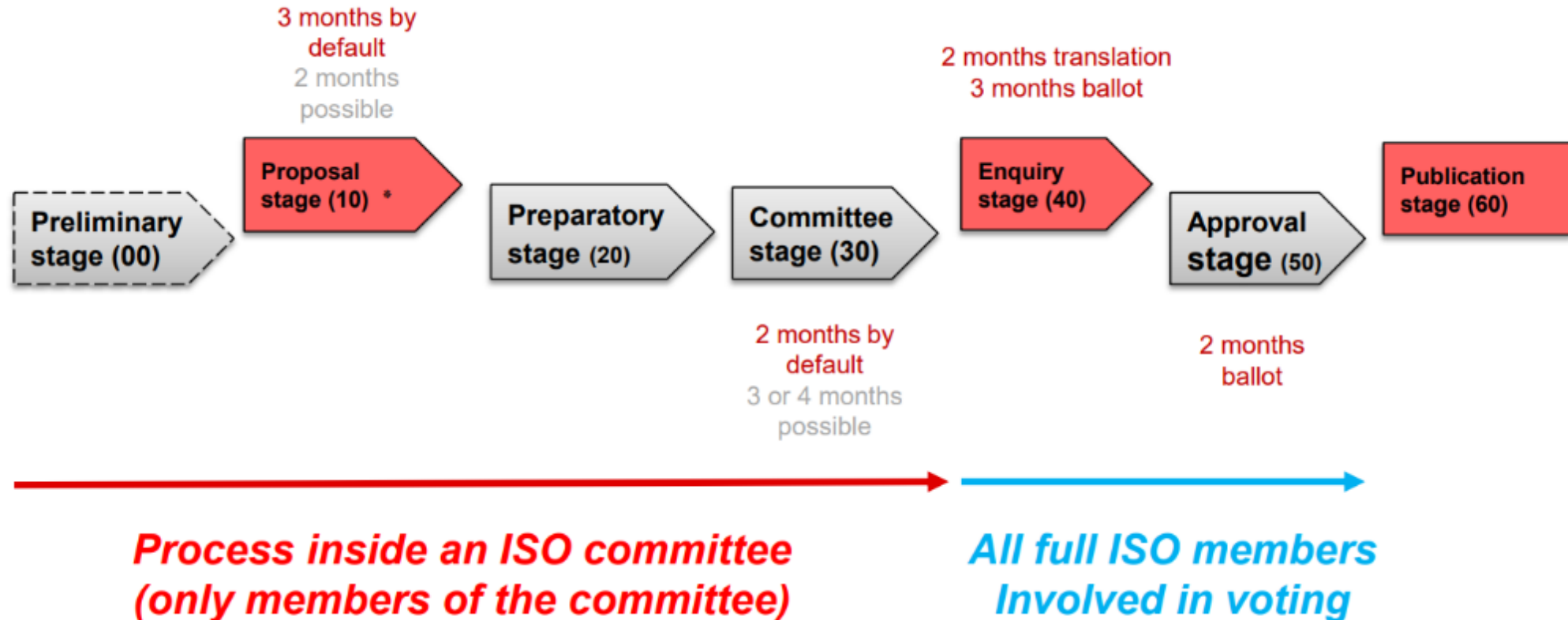


eSmart Systems





The stages



Generate trees

Generate structures

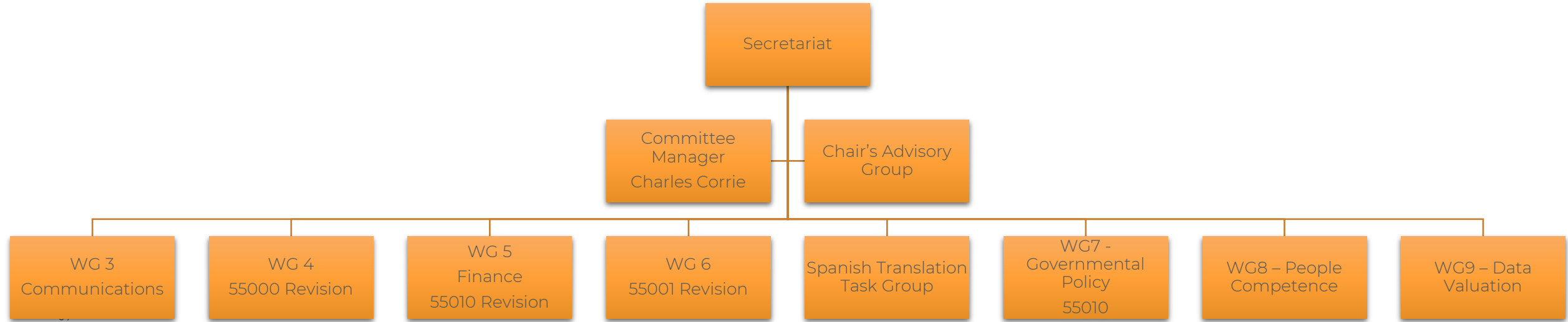
Clearance Distance Less Than 3m



BACKGROUND INFORMATION



TC251 STRUCTURE



eSmart

