

SBM – 2.0

PREPARATION OF DER FOR SEWERAGE FOR ULBs



SEWERAGE, PPD & WASCON - DETAILS OF OFFICES



1

SEWERAGE CIRCLE, THIRUVANATHAPURAM

2

SEWERAGE CIRCLE, KOCHI

3

SEWERAGE CIRCLE, TRICHUR

4

SEWERAGE CIRCLE, KOZHIKODE

SBM 2.0 - DER FOR MUNICIPALITIES

T
V
M

- 1 TRIVANDRUM
 - NEYATTINKARA
 - VARKALA
- 2 KOLLAM
 - KOTTARAKKARA
 - PARAVOOR
- 3 PATHANAMTHITA
 - PANDALAM
 - THIRUVALLA

E
R
M

- 4 ALLAPUZHA
 - ALLAPUZHA
 - CHERTHALA
- 5 KOTTAYAM
 - ETTUMANOOR
 - EARATTUPETTA
- 6 IDUKKI
 - THODUPUZHA
 - KATTAPPANA
- 7 ERNAKULAM
 - KOCHI
 - ALUVA

- 8 THRISSUR
 - THRISSUR
 - WADAKKANCHERY
- 9 PALAKKAD
 - PALAKKAD
 - PATTAMBI
- 10 MALAPPURAM
 - MALAPPURAM
 - PONNANI

T
C
R

- 11 KOZHIKODE
 - VATAKARA
 - KOYILANDY
- 12 WYANAD
 - SULTHAN BATHERI
 - MANANTHAVADI
- 13 KANNUR
 - PAYYANNUR
 - THALASSERY
- 14 KASARGOD
 - KASARAGOD
 - KANHANGAD

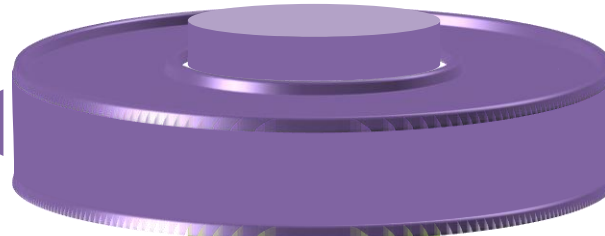
K
Z
D

ACTIVITIES IN DER PREPARATION



Step Seven
Detailed Estimate

90%



100%

Step Eight
Final Preparation of DPR
with EIA



Step Five
Topographical Survey of salient/
control points & social surveying.

60%



80%

Step Six
Final Design with SWMM
and preparation of drawing



Step Three
Digitalization with levels
from Google Earth

25%



40%

Step Four
Preliminary design using
GIS data with SWMM.



Step One
Reconnaissance
Survey

10%

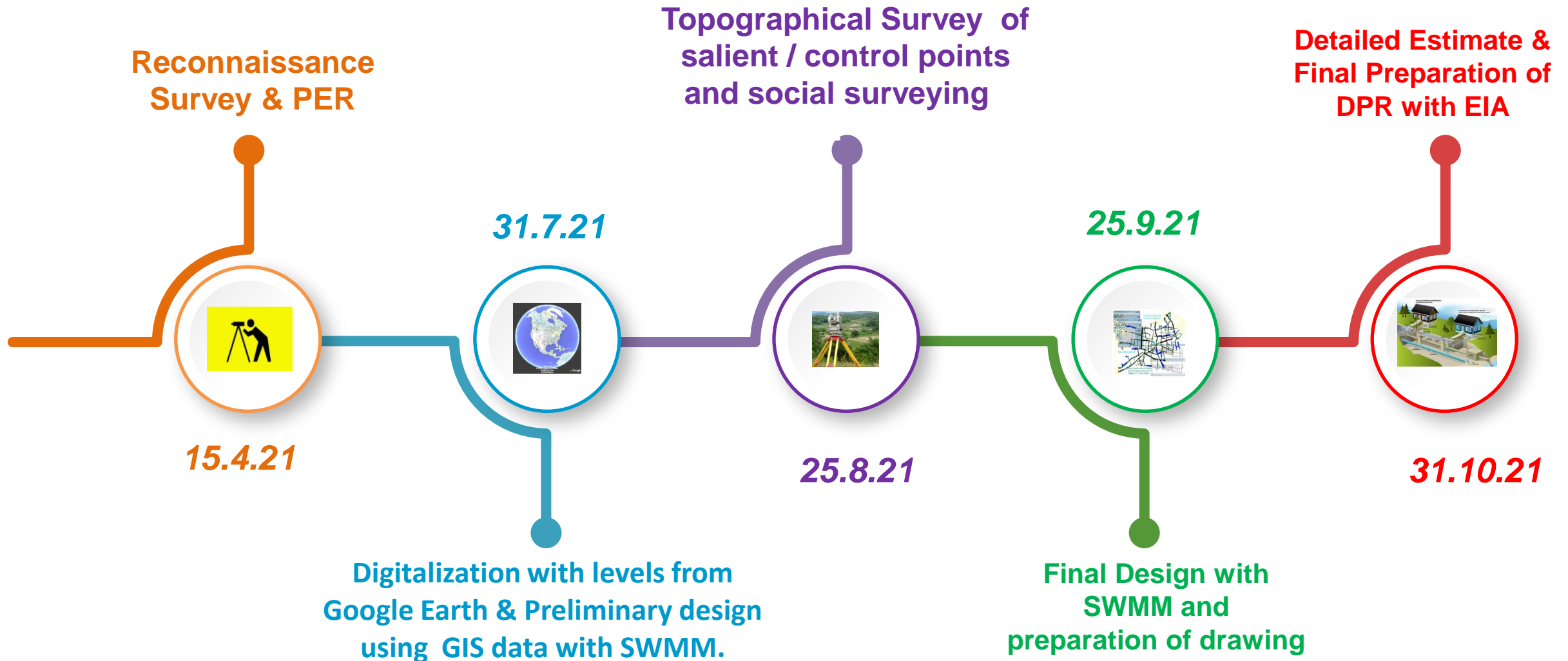


15%

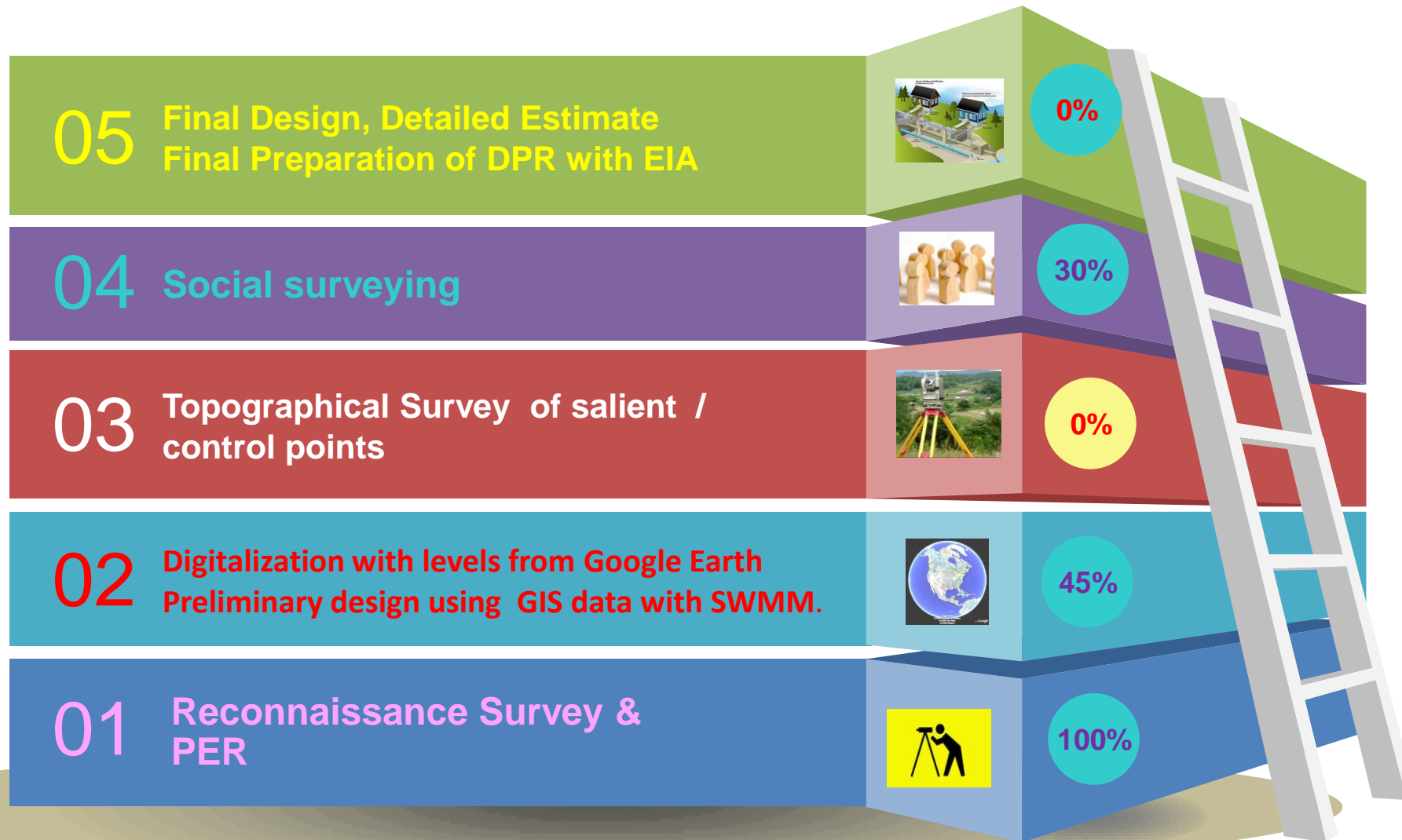
Step Two
Preliminary
Engineering Report



Timeline of Main Activities



WHERE WE STAND NOW



Roadmap and Issues which require focus



15.4.21
Reconnaissance
Survey & PER



31.7.21
Digitalization & Preliminary
design using GIS data with
SWMM drawing



25.9.21
Final Design with
SWMM and preparation
of drawing

High End
Laptops
required.
Addressed HO



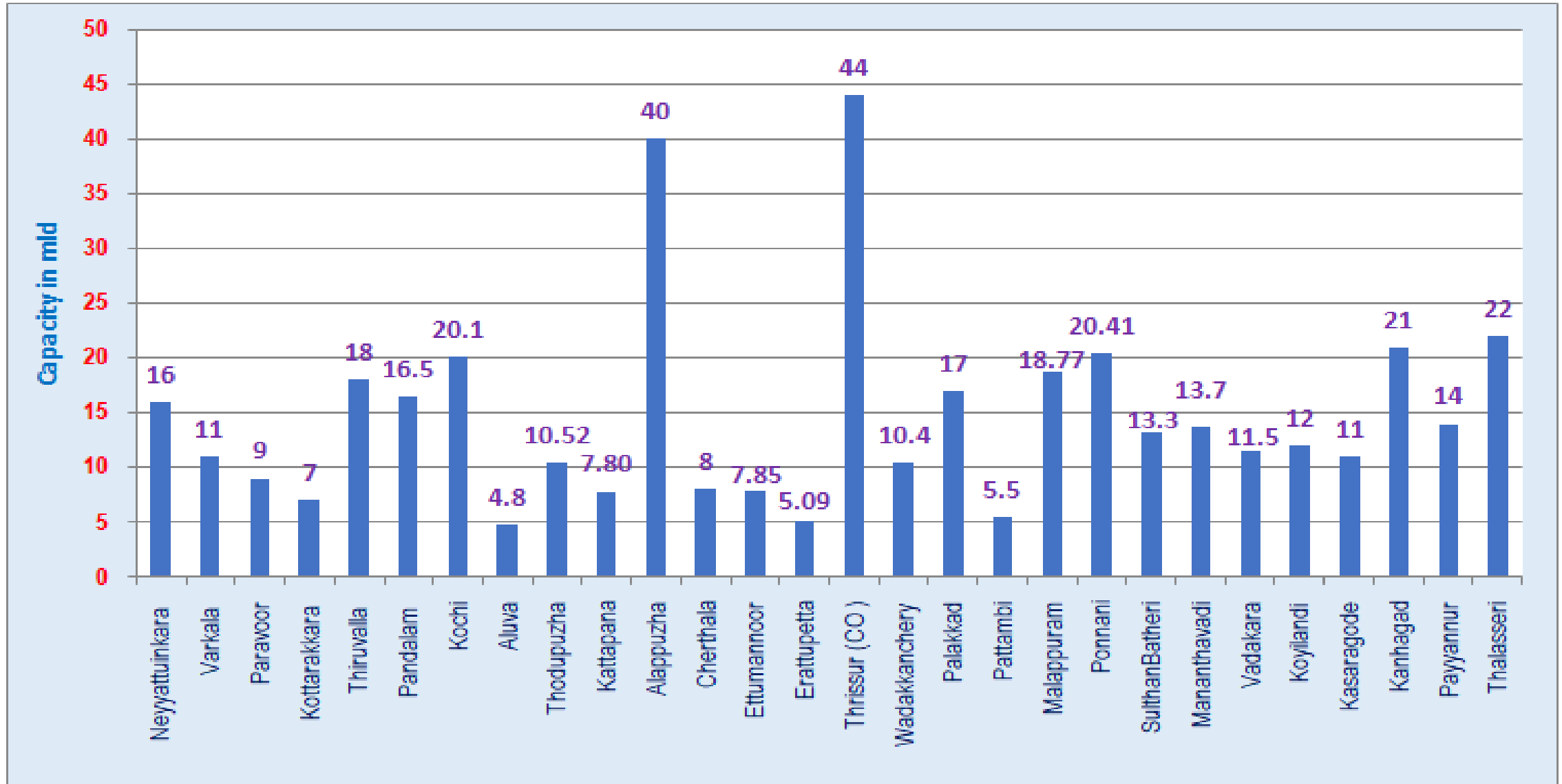
25.8.21
Topographical Survey
of salient / control
points and social
surveying

AS for DGPS
Survey
required.
Addressed RKI

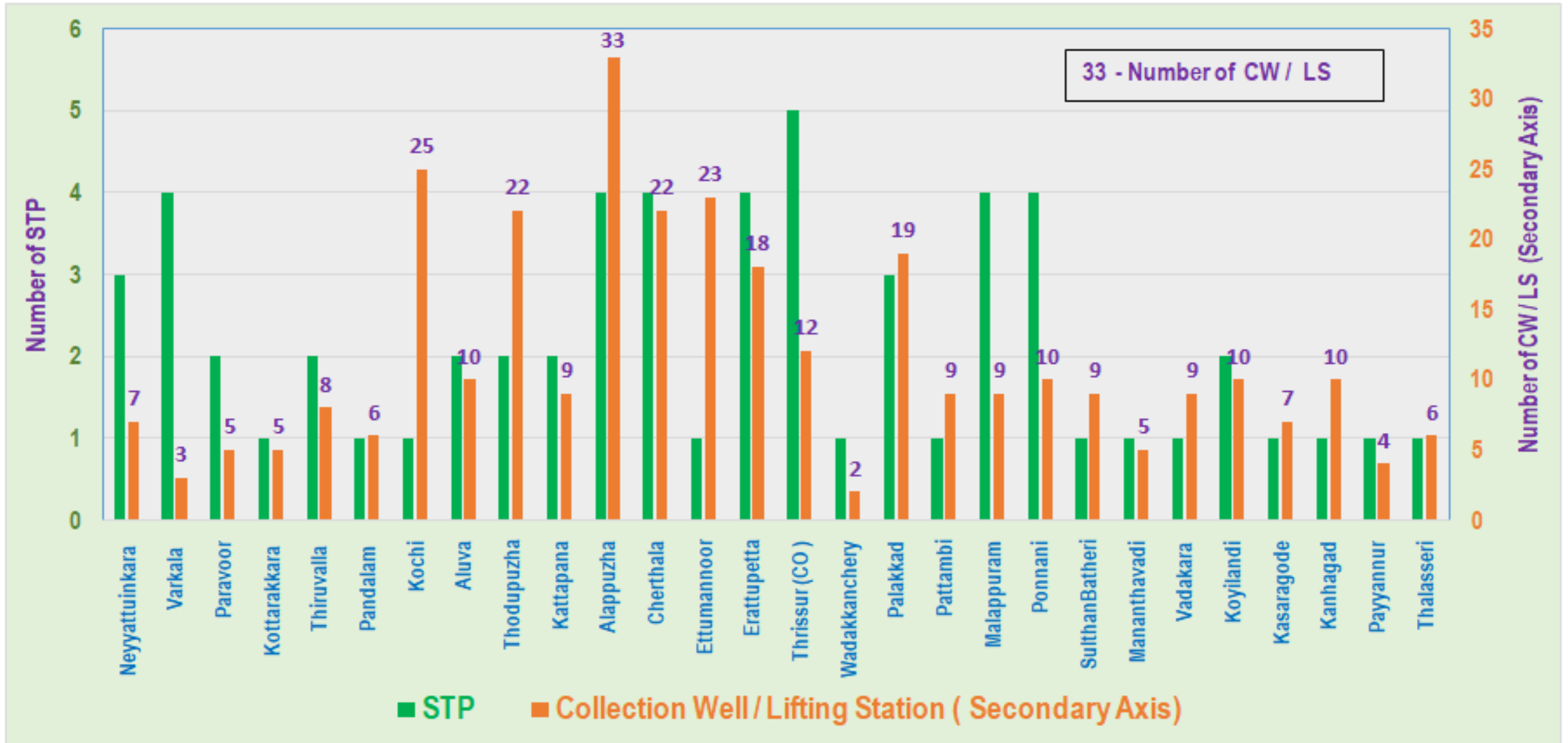


31.10.21
Detailed Estimate &
Final Preparation of
DPR with EIA

CAPACITY OF STPs IN VARIOUS ULBs



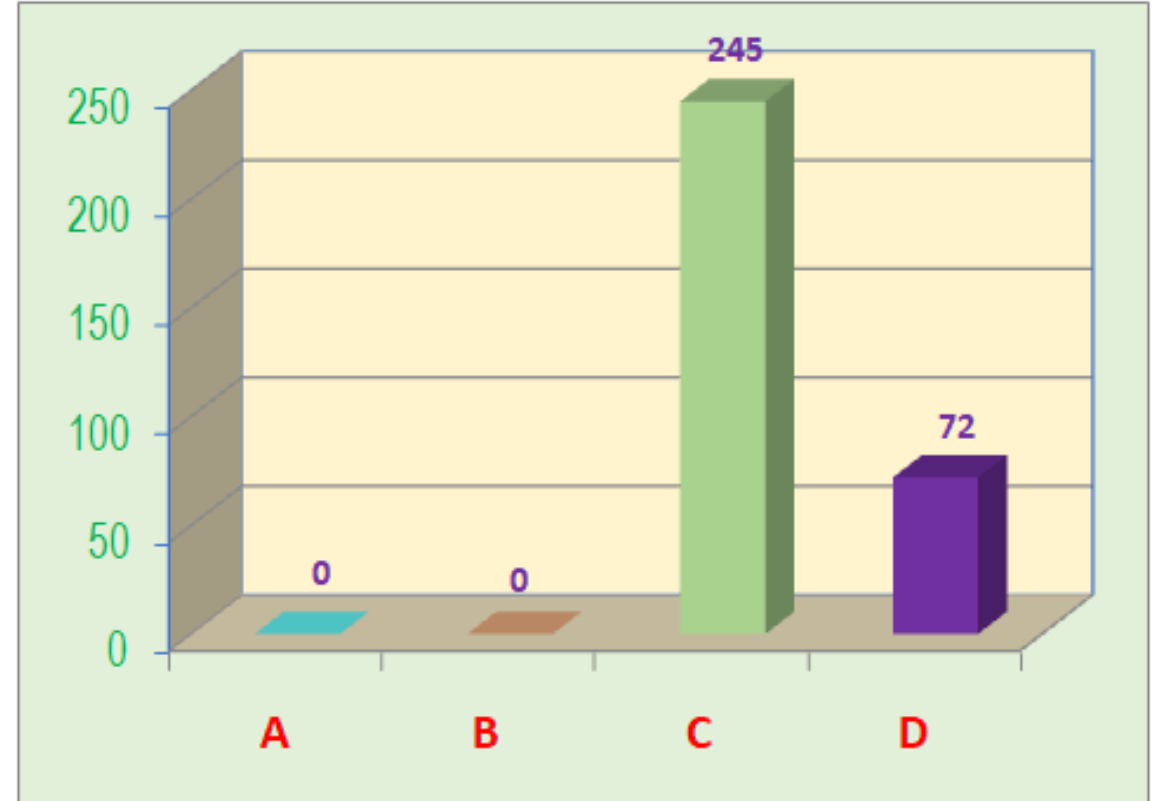
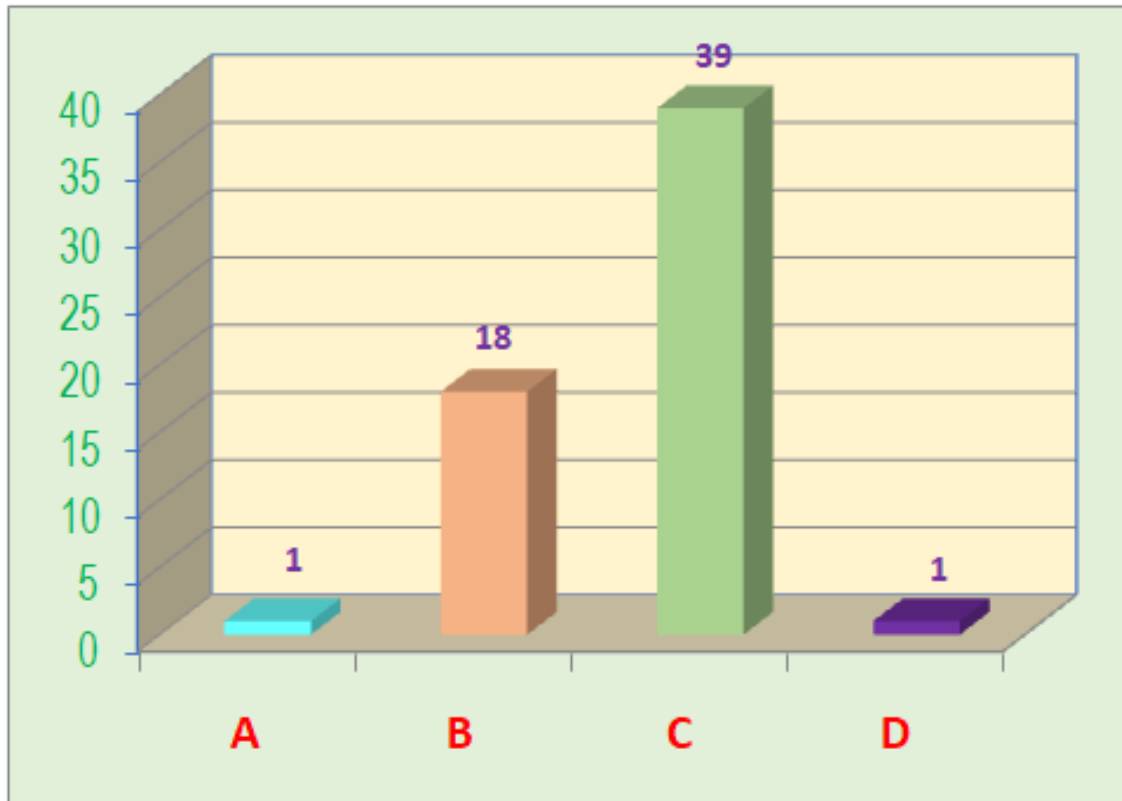
NUMBER OF STPs & COLLECTION WELL / LIFTING STATIONS



STATUS OF LAND FROM LSGs

For STPs – 59 Nos

For Collection Well / Lifting Station – 317 Nos



A- Resolution issued, B - Agreed in principle C - To discuss in council and finalise D - To discuss

ACS, LSGD addressed to issue direction to LSGs for issuing Resolution
Priority – Government land, Avoid wet land, Minimise land acquisition

[CLICK FOR MORE DETAILS](#)

SUGGESTIONS / ACTIONS NEEDED

- **HIGH END COMPUTERS / LAPTOPS (33 Nos) REQUIRED**
 - Addressed HO, Action Initiated
- **DGPS SURVEY OF CONTROL POINTS TO BE OUTSOURCED**
 - DPR prepared and submitted to RKI for AS, Recommended to HLC
- **DIRECTION TO ISSUE RESOLUTION FOR LAND BY LSGD REQUIRED**
 - Addressed ACS, LSGD for directing LSGs
- **MORE TRAINING SESSION / AWARENESS REQUIRED**
 - Choice of Appropriate Technology and Design of STP
 - Preparation of EIA
- **AE, KASARGOD TO BE FILLED**
 - Included in draft list



Thanks!