

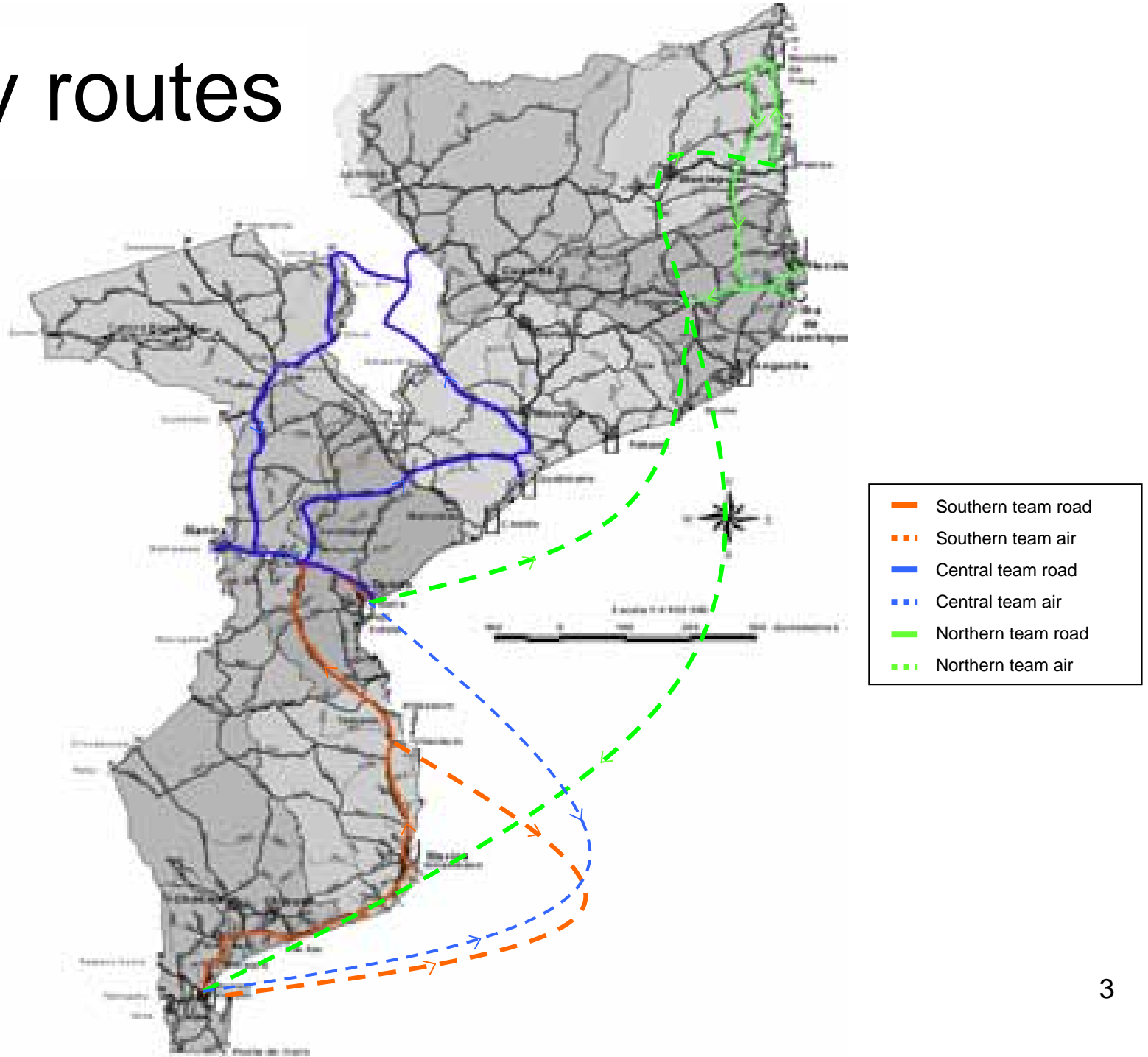
OVERLOADING CONTROL INFRASTRUCTURE SURVEY



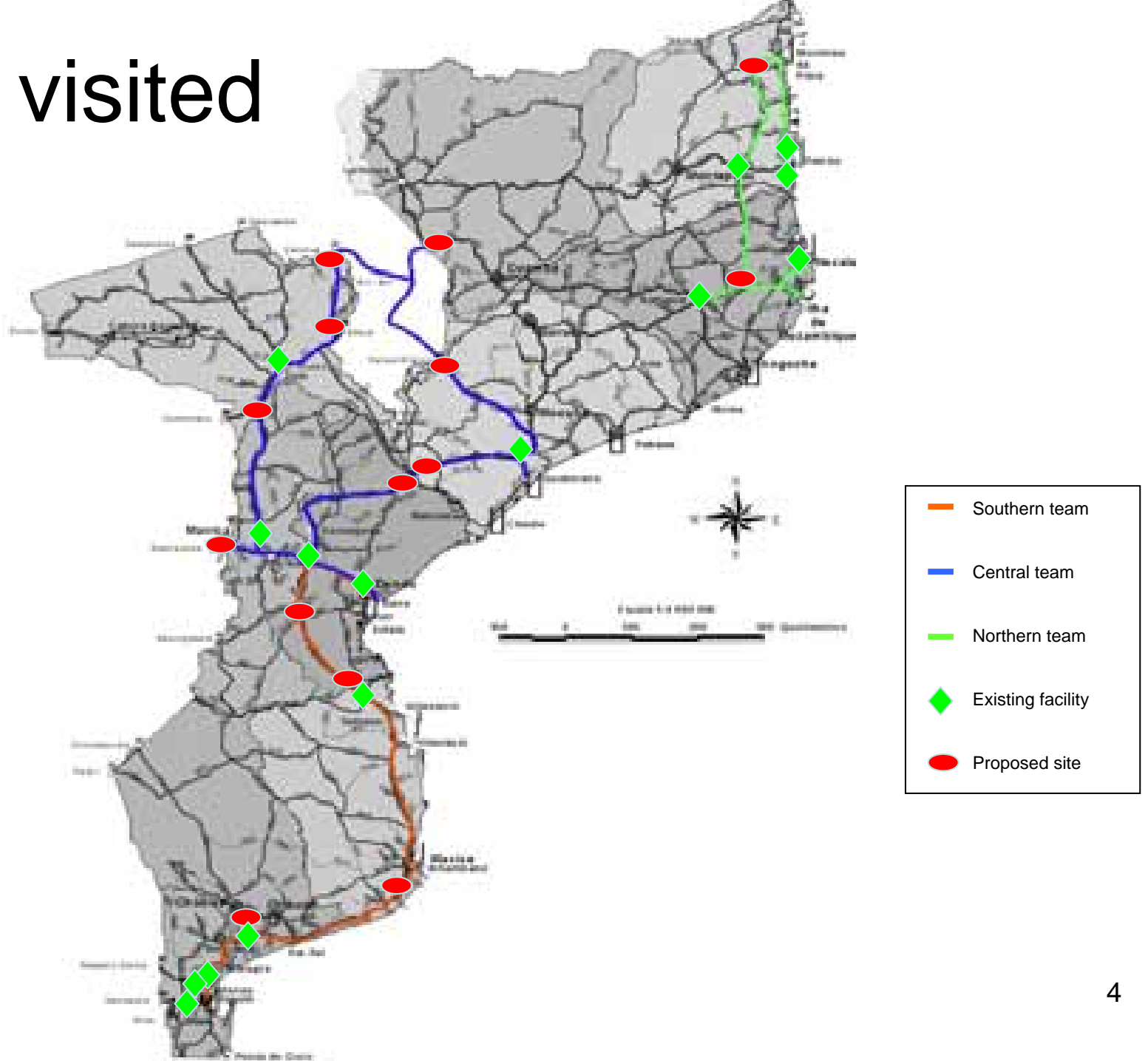
Overview of Field Study

- 3 teams
 - Interpreter (Africon)
 - ANE delegate
 - Infrastructure specialist (Africon)
 - Enforcement & training specialist (TMT)
- 3 weeks, 3 regions
 - South
 - Central
 - North
- 6600 km road traveled
- 25 flights
- >20 existing/proposed sites visited
- Meetings in 7/10 provinces

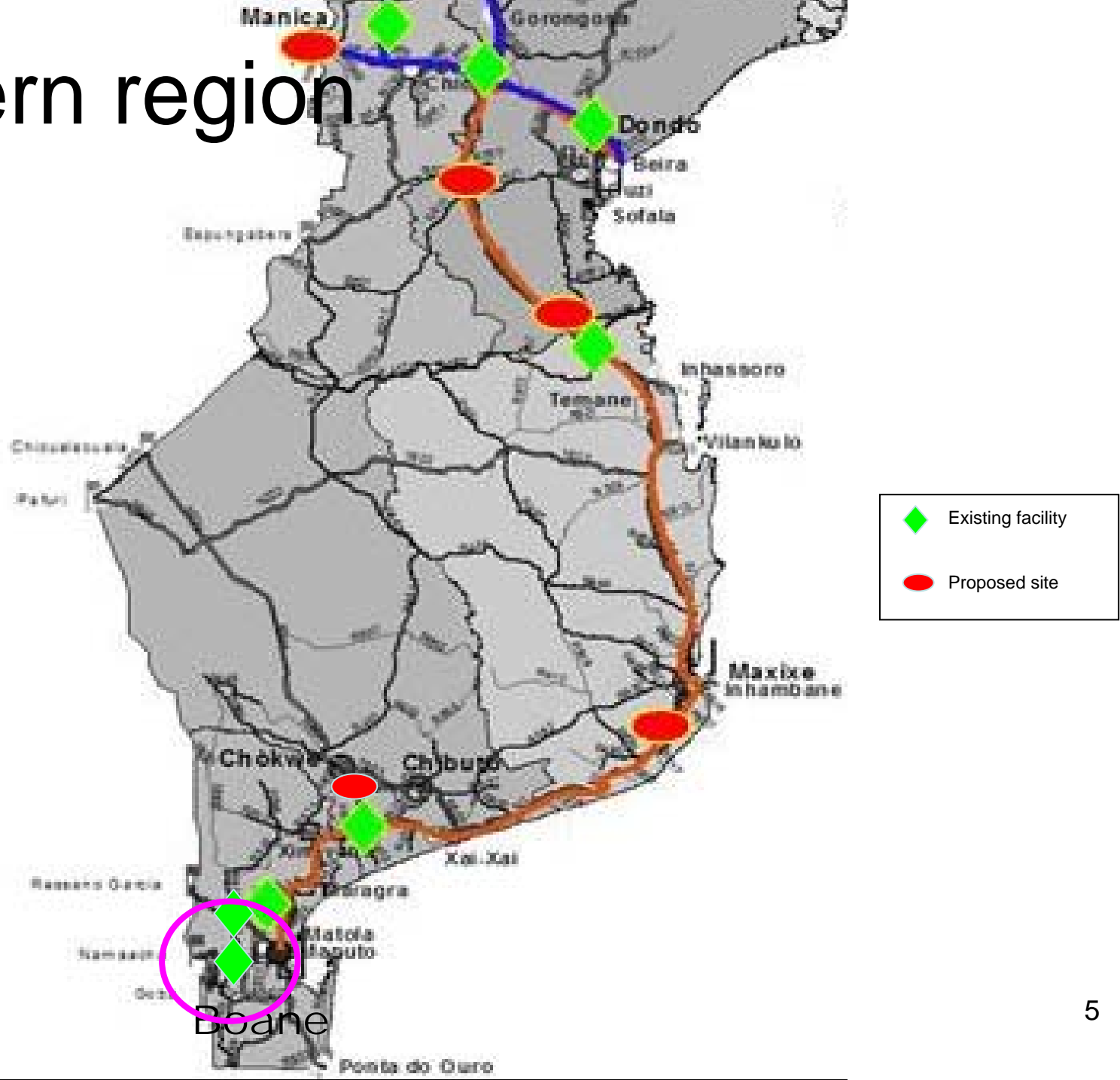
Survey routes



Sites visited



Southern region



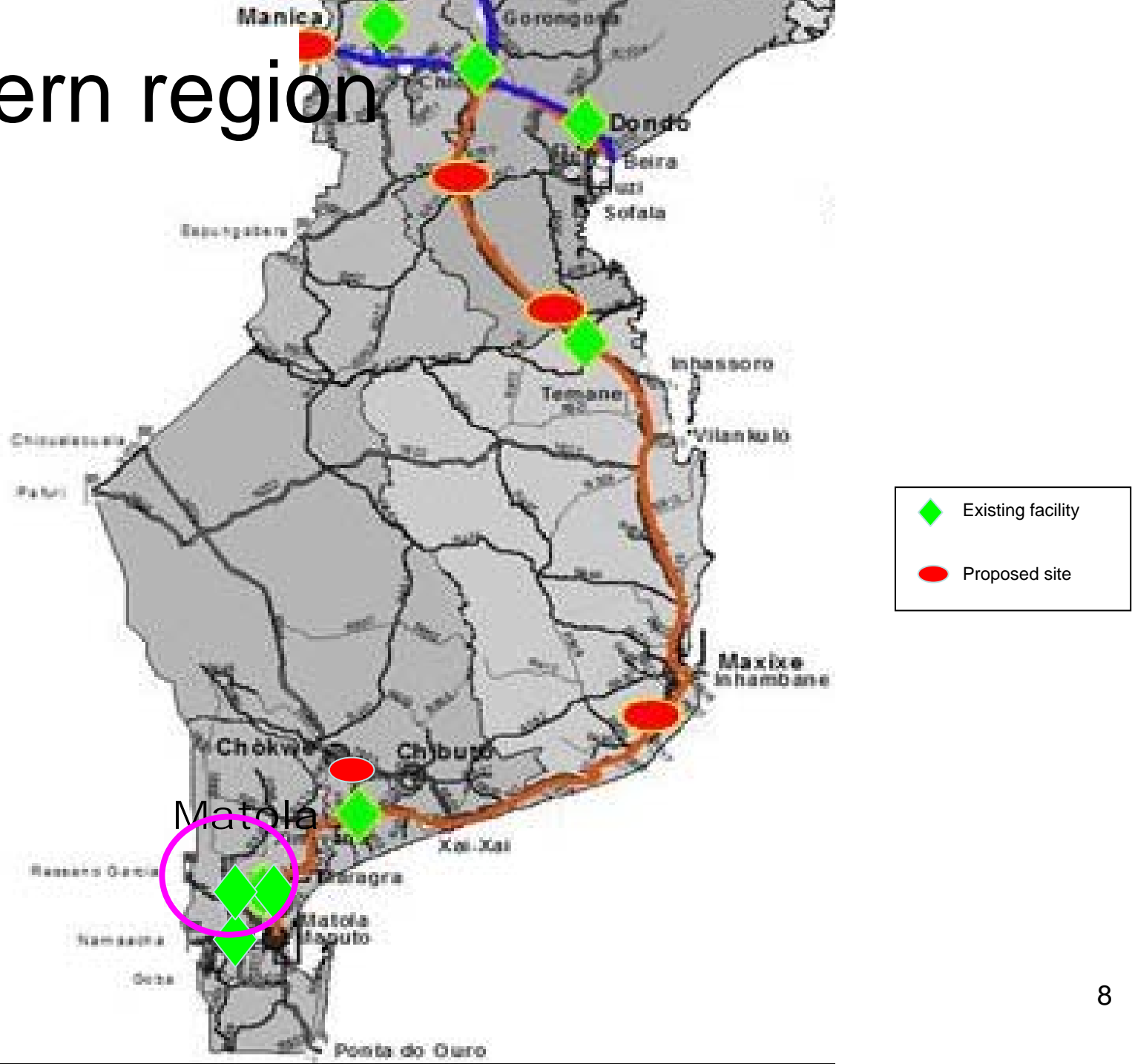
Boane



Findings (Boane)

- Existing
- Avg. location – on EN2 at ± 5 km from EN2/EN4 intersection
- Close to Boane (Man & Maint by Private Operator)
- Utilities available
- Alternative roads - very poor (low standard)
- Equipment = Klerkscale Model KF100 22m x 3,2m scale (load cell)

Southern region





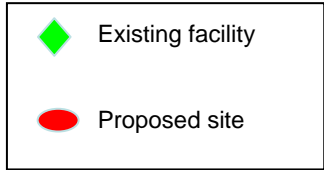
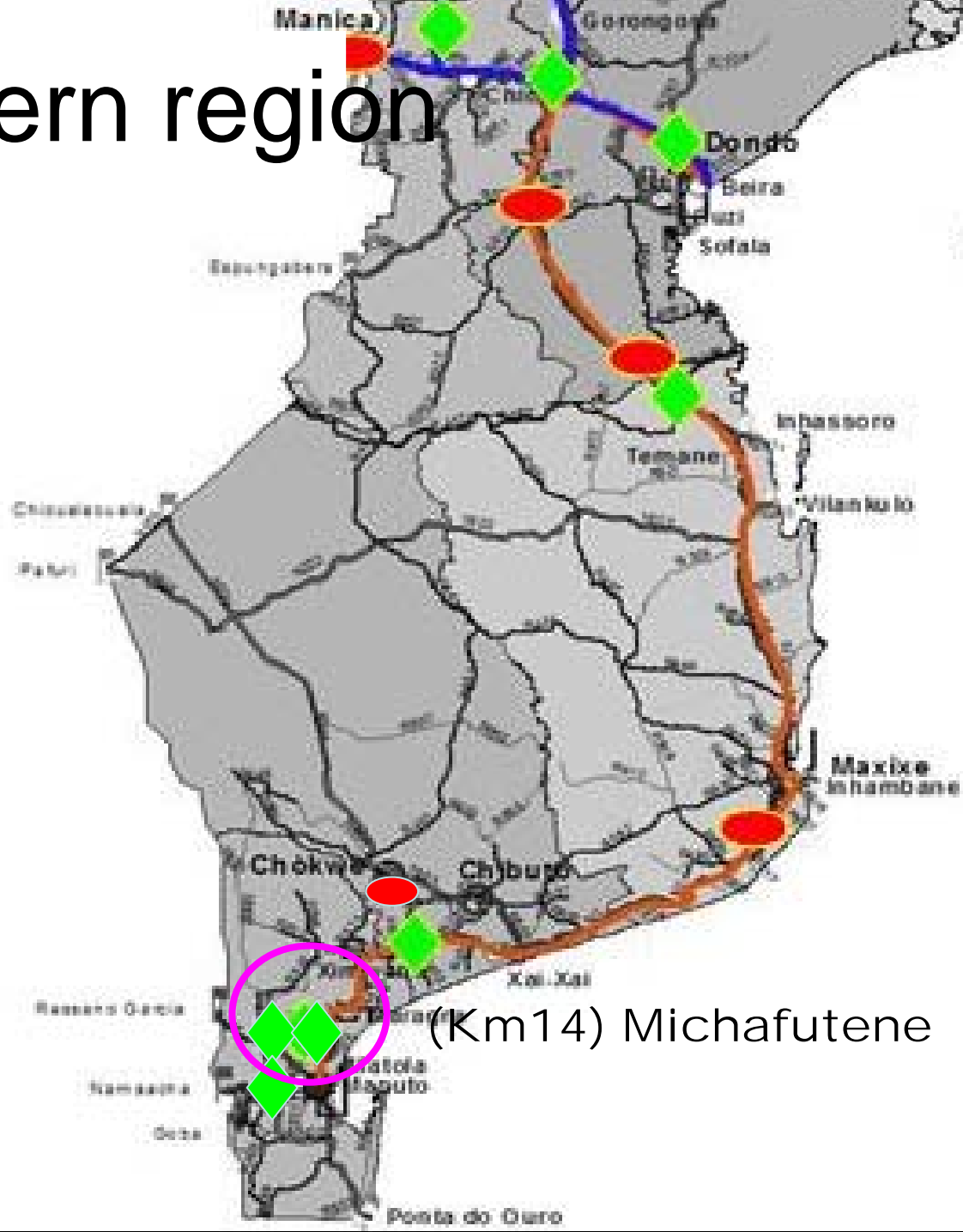
Matola



Findings (Matola)

- Existing
- Avg. location – on EN4 $\pm 4,5$ km from EN4/EN2 intersection
- Close to Matola (Man & Maint by Private operator)
- Utilities available
- Alternative roads - very poor (low standard)
- Equipment = Klerkscale Model KD100 22m x 3,2m scale (load cell)

Southern region



(Km14) Michafutene

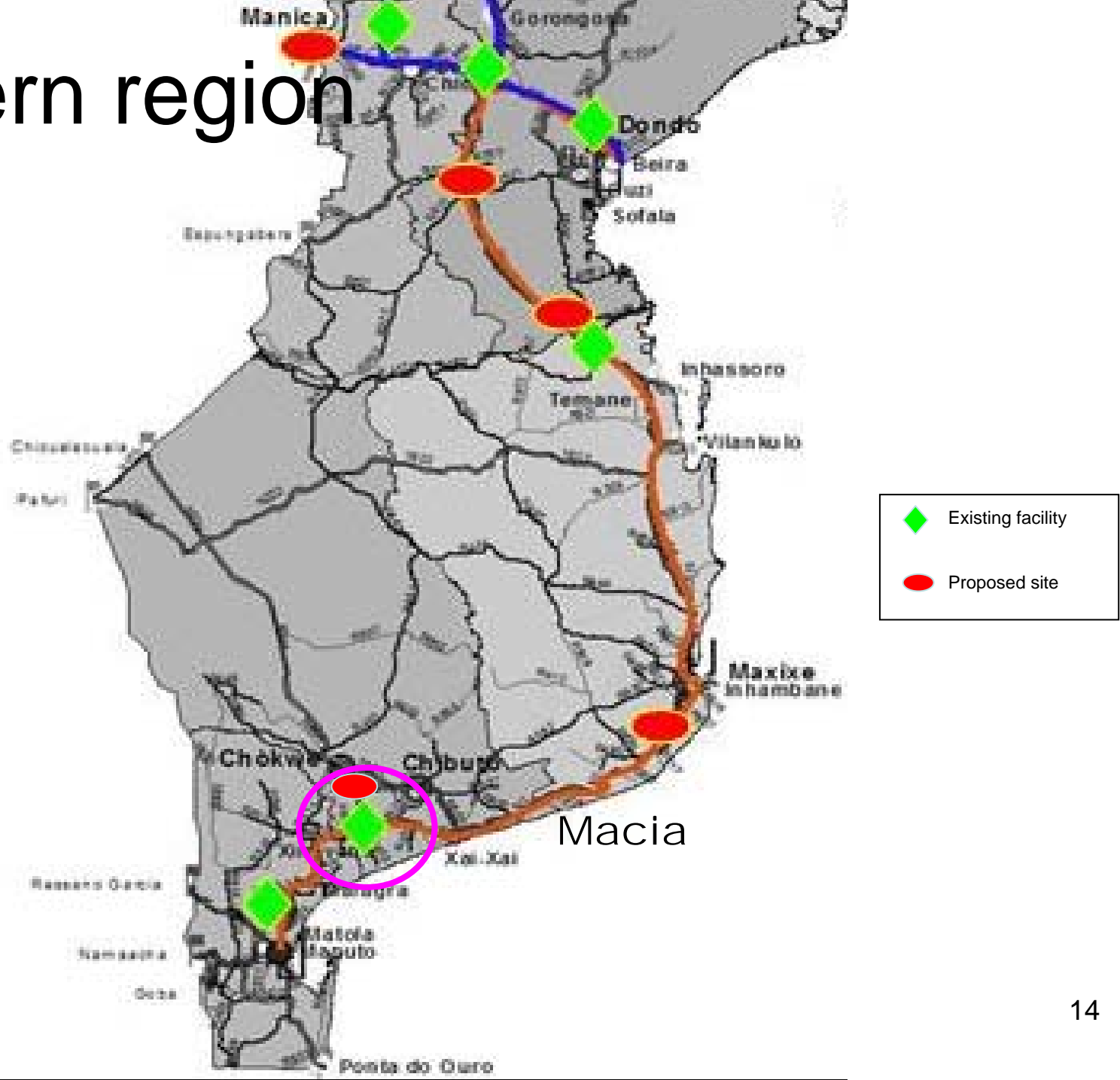
Michafutene (km14) demolished



Findings (Michafutene km14)

- Demolished – new to be built
- Avg. location – on EN1 at police control point
- Close to Maputo (Man & Maint access)
- High traffic >1 100 Trucks/day
- Utilities available
- Road under rehab.
- Alternative roads - very poor (low standard)
- Equipment = none

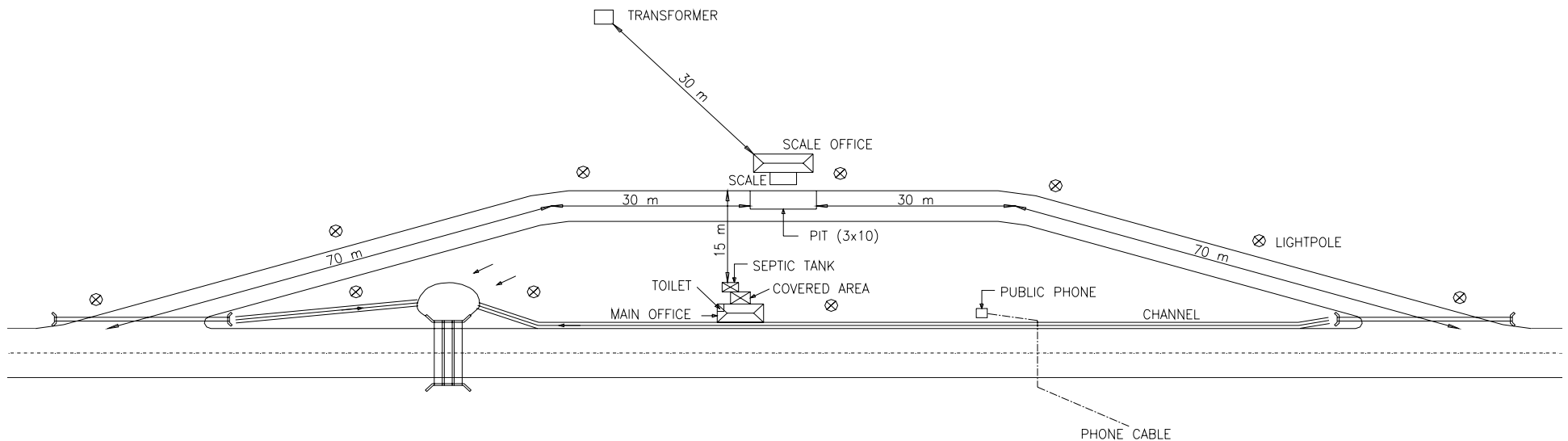
Southern region



Macia



Macia (Typical Layout)



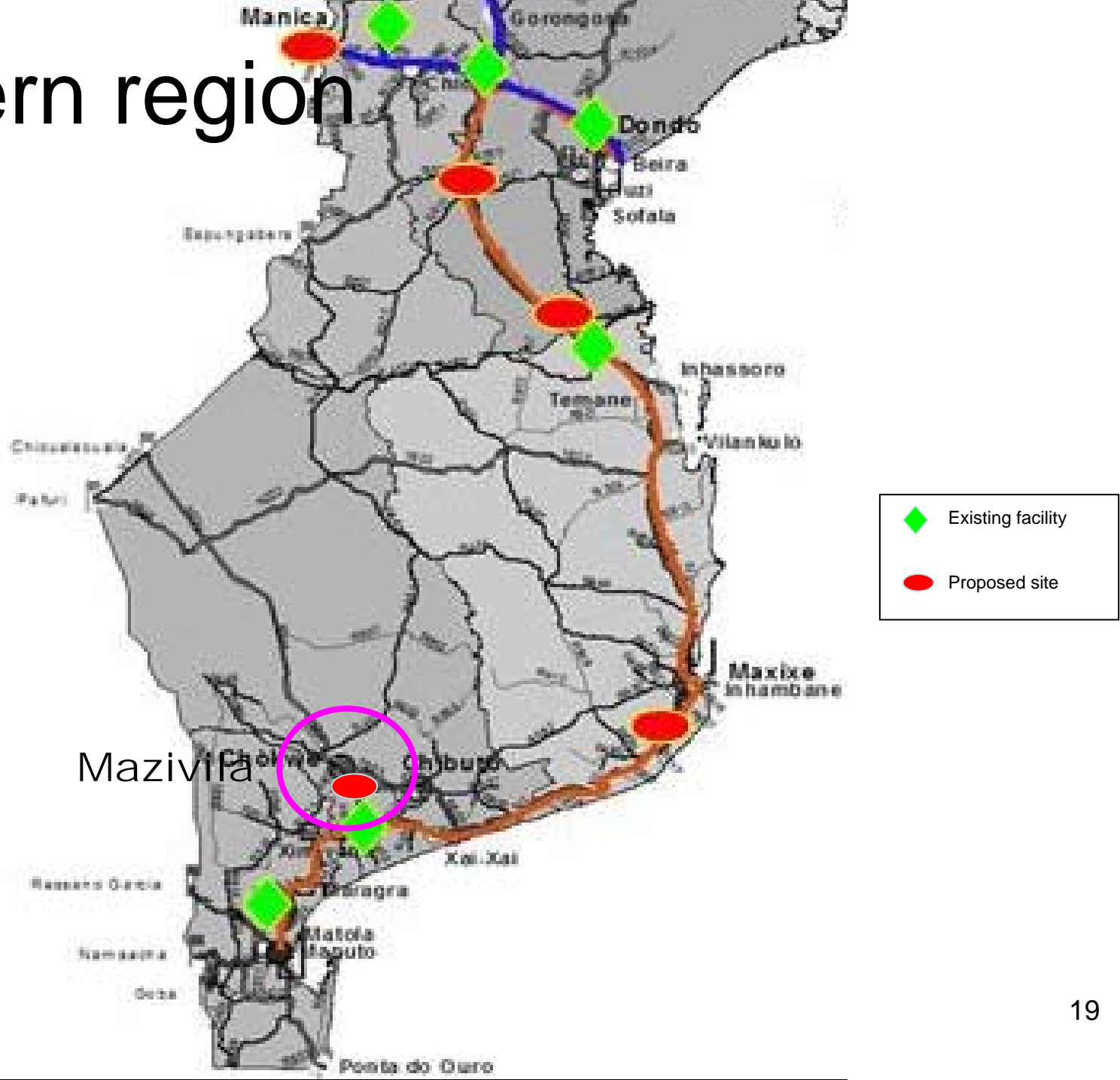
Macia



Findings (Macia)

- Average location – on EN1 at police control point
- Just south of village Macia (77km from Maputo)
- Medium heavy vehicle traffic
- Electricity and water available
- Road under rehabilitation contract
- Alternative roads – few and very poor
- Equipment = mechanical 3m x 11m scale

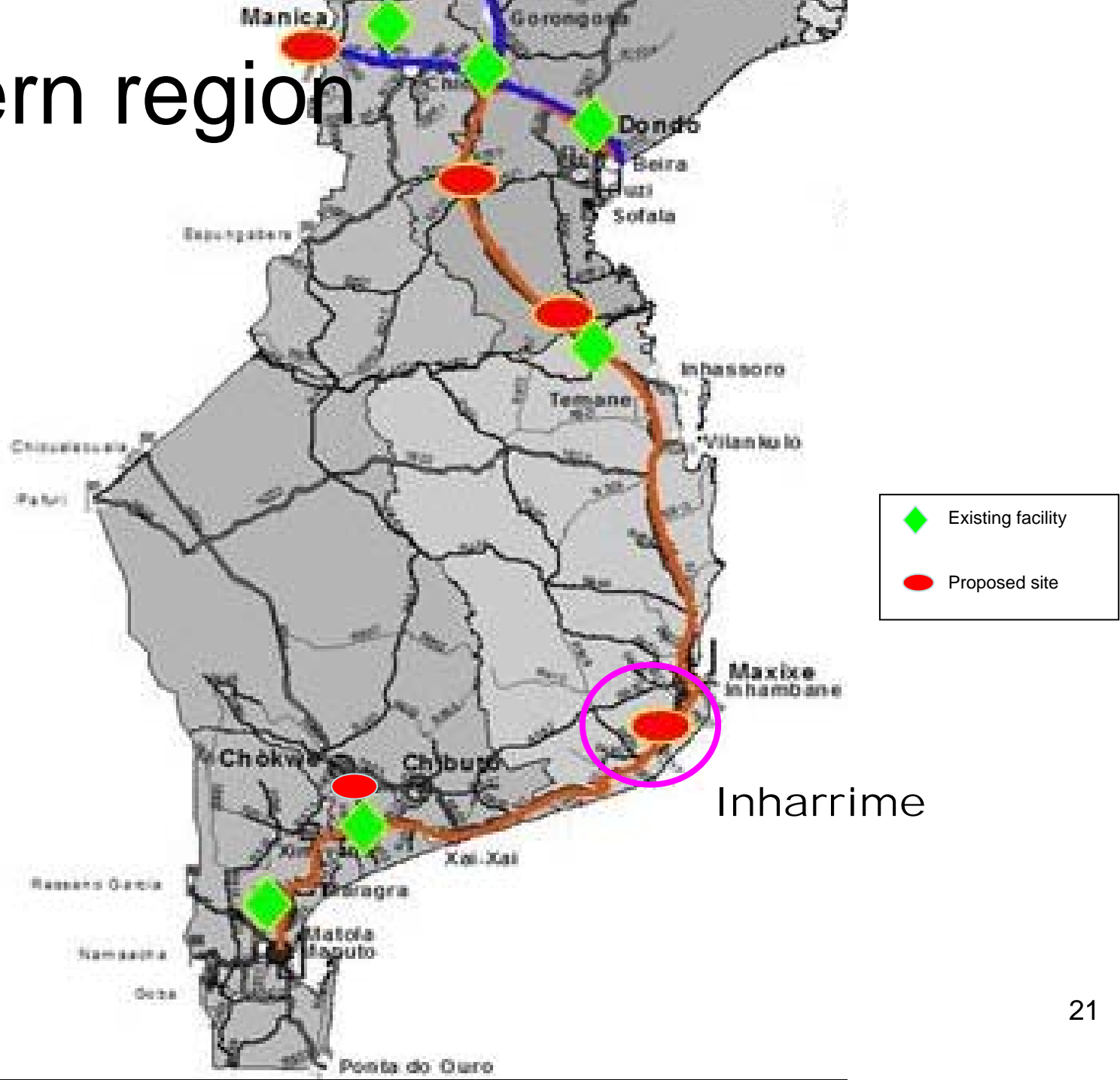
Southern region



Findings (Mazivila)

- Proposed
- Average location – on N101 north of Macia
- Between Macia and Chokwe
- Medium heavy vehicle traffic
- Utilities - unknown
- Alternative roads – few and very poor
- Equipment = Electronic 4m x 3,2m scale

Southern region



Inharrime

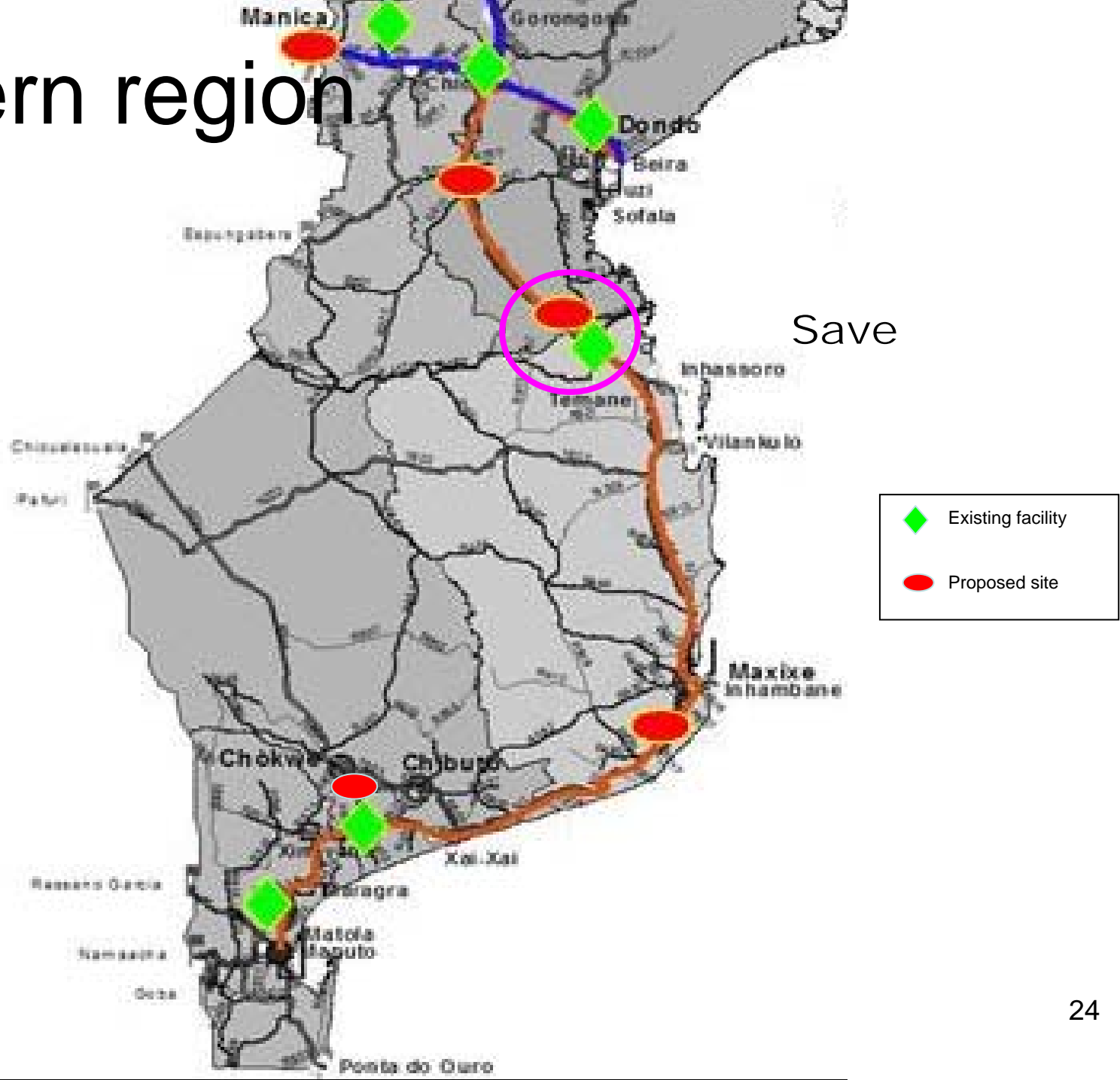
Inharrime (New Facility)



Findings (Inharrime)

- New facility under construction
- Good location
- On EN1 just south of Inharrime (500km from Maputo)
- Low traffic <100 Trucks/day
- No utilities (to be provided under contract)
- Road under rehabilitation contract
- Alternative roads – none
- Equipment = 3m x 4m electro-mechanical scale

Southern region



Save



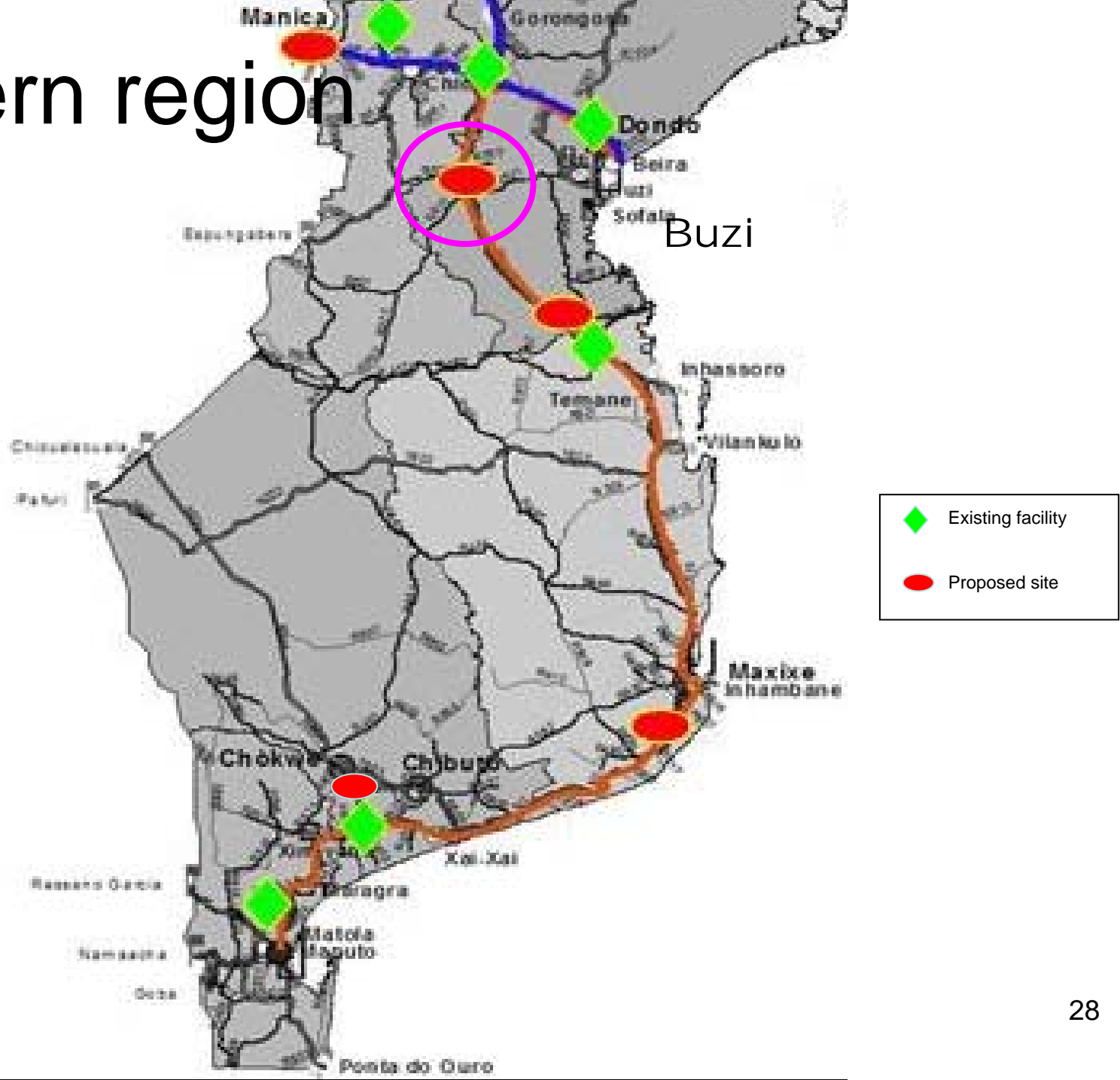
Save



Findings (Save)

- Existing old single deck mechanical scale
- Scale operational and in reasonable condition
- Good location – on EN1 at Bridge over Rio Save
- At police control and town of Save
- Medium to low traffic (all long haul)
- Limited utilities (generated power from town, radio communication)
- No parking area
- Alternative roads – none (Rio Save cut off)
- Buildings run down – used for domestic purposes
- No building at scale (scale house)
- Random manual selection

Southern region



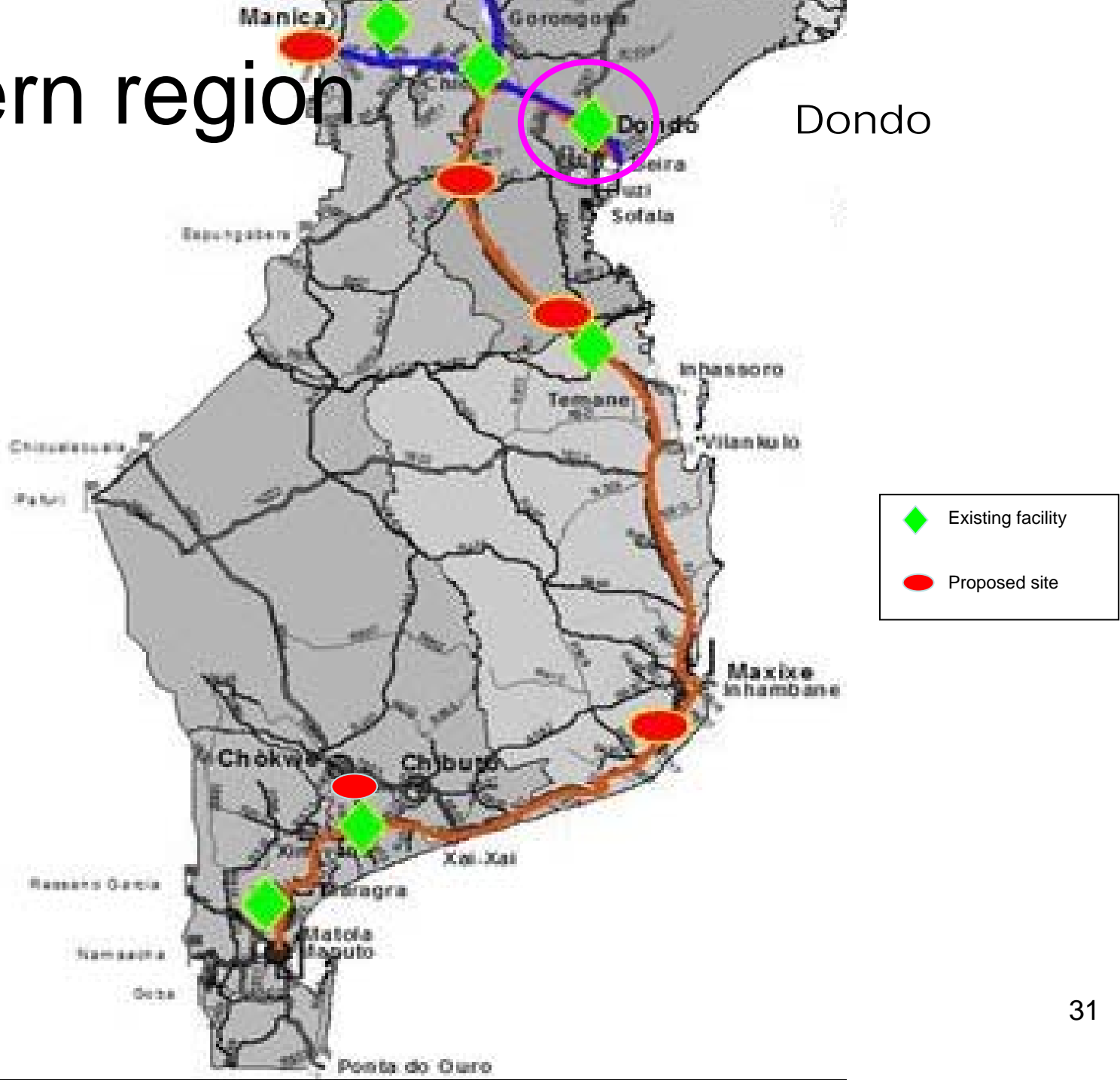
Buzi



Findings (Buzi)

- Proposed location on EN1 north of bridge over Rio Buzi
- Approx 100km from Inchope and 140km from Beira
- Good location – no alternative routes
- At police control and town
- Low traffic (all long haul)
- Utilities available from town

Southern region



Dondo



Findings (Dondo)

- Existing location on EN6 20km east of Beira
- On Beira Corridor Alternative routes to Muanza (turnoff close by)
- At police control and town
- Medium to high traffic (mostly long haul)
- Utilities available from town
- Facilities (currently being rehabilitated) incl.:
 - Standard layout (see Macia)
 - Single deck mechanical scale in poor condition
 - Buildings in poor state (no dedicated scale office in use)
 - Toilet facilities not usable
 - No designated truck parking area
 - Gravel approaches under rehabilitation
 - No road signage to get trucks to weighbridge

Conclusions – Southern region

- Main routes: EN1 South-North and EN6 to Beira
- Existing facilities: (Macia, Save)
 - Locations average (Macia) excellent (Save)
 - Limited capacity (Macia)
 - Lack of good building facilities
 - Limited utilities
 - Lack of and outdated equipment
 - No park-off facilities
- Proposed new sites: (Michafutene, Inharrime, Buzi)
 - Locations good to excellent (strategically)
 - Designs to fit purpose
 - Construction progress slow at Inharrime