General Description of the Region

Location
Astronomically, Tigray region is located between 12°–15° north latitude and 36°30′–40°30′ east longitude at the northern tip of Ethiopia. The adjacencies of the region’s are: Sudan to the west, Afar region to the east, Eritrea to the north Amhara region to the south. Total area coverage of the region is 54,593 square kilometer. From this 13,516.33 square kilometer is arable land.

Climatic Conditions
Altitudinal, the region is found between 500-3935 meters above sea level. Therefore, it has three major thermal zones:
- 11.5% Dega (Highland)
- 40.5% Woyna Dega (Temperate)
- 48% Kolla (Lowland)
- The average annual temperature is as high as 26°C
- Average annual rainfall ranges from 650-980 mm

Demographic Characteristics
- Total Population = 5,061,991
- Urban dwellers = 1,120,456 (22%)
- Rural dwellers = 3,941,535 (78%)
INVESTMENT PERFORMANCE OF TIGRAY

<table>
<thead>
<tr>
<th>Area of land (in hectare)</th>
<th>Price/m²/year in Birr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demarcated</td>
<td>Developed</td>
</tr>
<tr>
<td>Mekelle</td>
<td>443.6</td>
</tr>
<tr>
<td>Humera</td>
<td>98</td>
</tr>
<tr>
<td>Shire</td>
<td>52</td>
</tr>
<tr>
<td>Axum</td>
<td>40</td>
</tr>
<tr>
<td>Adiwa</td>
<td>148.20</td>
</tr>
<tr>
<td>Adigrat</td>
<td>84</td>
</tr>
<tr>
<td>Wukiro</td>
<td>20</td>
</tr>
<tr>
<td>Michew</td>
<td>49.5</td>
</tr>
<tr>
<td>Alamata</td>
<td>50</td>
</tr>
</tbody>
</table>

2. Proximity to Ports

Comparative Distance of Addis Ababa & Mekelle from East African Ports-

<table>
<thead>
<tr>
<th>Port</th>
<th>Distance (in Kilo meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mekelle</td>
<td>Addis Ababa</td>
</tr>
<tr>
<td>Tajura</td>
<td>507 via Serdo-Afdera-Shiket</td>
</tr>
<tr>
<td>Djibouti</td>
<td>940 via Kombolcha-Woldiya</td>
</tr>
<tr>
<td></td>
<td>837 via Mile-Chifra- Alewuha</td>
</tr>
<tr>
<td></td>
<td>708 via Semera-Yallo-Mekoni</td>
</tr>
<tr>
<td></td>
<td>680 via Serdo-Afdera-Shiket</td>
</tr>
<tr>
<td>Sudan</td>
<td>1579 via Kesala-Gedarif- humera</td>
</tr>
<tr>
<td></td>
<td>1881 via Metema,</td>
</tr>
</tbody>
</table>
3. Favorable Agro-ecology
The agro-ecology of Tigray can be mainly classified as hot, moderately hot, cold and moderately cold. Different parts of the region possess diversified agro-ecology so that varied types of crops, spices, vegetables and fruits can be grown.

4. Infrastructure Accessibility

**Dry Port:** Mekelle dry port is under construction. However, full dry port services have been providing at temporary terminal. At this terminal both uni-modal and multi modal services are accessible. Bolded ware houses are expected to be built after the dry port construction is completed.

**Railway:** Mekelle–Awash Railway is under construction. It connects with Djibouti-Addis Ababa Railway. Therefore, it eases import –export situation of the region.

**Airport:** In the region there are four airports; Humera, Shire, Axum and Mekelle air ports. At Mekelle Alula Abanege International Airport has standardized cold room that enables to provide cargo service of perishable items for foreign market.

**Road Infrastructure Coverage**

<table>
<thead>
<tr>
<th>City/town</th>
<th>Distance (in kilo meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Asphalt</td>
</tr>
<tr>
<td>Mekelle to Adiss Ababa</td>
<td>783</td>
</tr>
<tr>
<td>Mekelle to Alamata</td>
<td>187</td>
</tr>
<tr>
<td>Mekelle to Mekoni</td>
<td>126</td>
</tr>
<tr>
<td>Mekelle to korem</td>
<td>164</td>
</tr>
<tr>
<td>Mekelle to Michew</td>
<td>127</td>
</tr>
<tr>
<td>Mekelle to Samre</td>
<td></td>
</tr>
<tr>
<td>Mekelle to Adigdom</td>
<td>35</td>
</tr>
</tbody>
</table>
Mekelle to wukro  45  45
Mekelle to Atsibi  45  24  69
Mekelle to Freweyni  80  80
Mekelle to Hawuzen  103  103
Mekelle to Adigrat  115  115
Mekelle to Zalanbesa  150  150
Mekelle to Erob  115  45  160

<table>
<thead>
<tr>
<th>City/town</th>
<th>Distance (in kilo meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Via Adigrat</td>
</tr>
<tr>
<td></td>
<td>Asphalt</td>
</tr>
<tr>
<td>Mekelle-Adiwa</td>
<td>215</td>
</tr>
<tr>
<td>Mekelle-Rama</td>
<td>215</td>
</tr>
<tr>
<td>Mekelle-Axum</td>
<td>237</td>
</tr>
<tr>
<td>Mekelle-Shire</td>
<td>307</td>
</tr>
<tr>
<td>Mekelle-Endabaguna</td>
<td>328</td>
</tr>
<tr>
<td>Mekelle-Mytsebri</td>
<td>388</td>
</tr>
<tr>
<td>Mekelle-shiraro</td>
<td>402</td>
</tr>
<tr>
<td>Mekelle-Humera</td>
<td>591</td>
</tr>
<tr>
<td>Mekelle-Adiremets</td>
<td>641</td>
</tr>
<tr>
<td>Mekelle-K/Niguse</td>
<td>696</td>
</tr>
<tr>
<td>Mekelle-Abi Adi</td>
<td>95</td>
</tr>
<tr>
<td>Mekelle-Yechila</td>
<td>70</td>
</tr>
</tbody>
</table>

Electric power Supply: Including small towns of the region 24 hours of electric power supply is accessible. The giant electric power projects of the country guaranty the reliability and sustainability of power supply.

Access to ICT net work: Full coverage and accessibility of mobile service at every villages of the region

5. Conducive Investment Policy:
Attractive incentive packages such as free duty of capital goods, construction materials and vehicles for investment projects, exemption of income tax for certain periods and loan facilities. All privileges vested by investment proclamation, Regulation and Directive are also preserved by the region.

6. Others
- Reliable peace
- Growing number of tourists
- Hard working & receptive people
- Prompt service delivery
- Availability of liaison office in Addis Ababa
- Effective support & follow up
- Massive projects are planned to be built by EFFoRT

In general, until June 2014 G.C 5483k.m (1793k.m of which is asphalt) road was built in Tigray.
INVESTMENT OPPORTUNITIES IN TIGRAY

AGRICULTURE

Dairy Production - why?
✓ High demand for consumption
✓ Existence of livestock feed processing plant
✓ Road availability and accessibility
✓ Availability of varied species that adopt different agro-ecology
✓ Skilled man power

Sheep and Cattle Fattening - why?
✓ Existence of livestock feed processing plant
✓ Ample and high protein content bi-products
✓ Existence of adoptive livestock species
✓ Skilled man power

Fishery - why?
✓ High demand of consumption (Hotels)
✓ Prevalence of small and medium Dum construction

Poultry - why?
✓ High demand of chicken meat
✓ Existence of animal feed processing plant
✓ Skilled man power

Production of Horticulture - why?
✓ Different agro-ecology
✓ Ample underground and river water
✓ Accessible infrastructure
✓ Skilled man power

Production of Oil Seeds - why?
✓ Ample land availability
✓ Hard working labor force
✓ Transportation access
✓ Proximity to ports
✓ High demand at foreign markets

Apiculture - why?
✓ Existence of white flora which has low moisture content and a distinctive aroma that used for white honey production.
✓ Expansion of land rehabilitation and irrigation agriculture
✓ Existence of honey processing plants
✓ Mass distribution of modern hives by government.
✓ Tebeb (extra white) honey has medicinal value.

Processing of Gums & Resin - why?
✓ Baswellia, sterculia, acacia trees which produce this extracts cover 940,000 hectare of land.
✓ Existence of tissue culture laboratory can support it.
✓ It is important for beverage & pharmaceutical preparations
✓ About 20,000 and, 100,000 hectares of land is suitable for wild gum and incense respectively

Other Opportunities
◆ Around 200,000 hectare is suitable for cactus
Near to 100,000 hectare highly convenient for Aloe and sisal

**Aloe**

**Sisal**

**Gum**

**Cactus**

**MINING**

**Marble**

**Neader Adet marble** - which is found around Neader Adet, has an average block size of 7.48 meter cube and its reserve is estimated to be 8,230,000,000 meter cube.

**Newi Marble** - which is found in Kola Tenbein woreda, has an average block size of 13.66 meter cube and its reserve is estimated to be 14,720,000 meter cube.

**Adiweyane Marble** - which is also found in Kola Tembein woreda, has an average block size of 5.62 meter cube and its reserve is estimated to be 687,000 meter cube.

**Tekeze (Endatekurir) Marble** - which is found in Tahtay Adiyabo Woreda, has an estimated reserve of 193,760,000 meter cube.

**Granite**

**Adi Elena Granite** - which is found around Axum, has an average block size of 19.67, 44.55 and 8.23 meter cube and its reserve is estimated to be 315,000,000 meter cube.

**Kedena Granite** - which is also found around Axum, has an average block size of 23.52, 55.5, 17 and 42.24 meter cube and its reserve is estimated to be 570,000,000 meter cube.

**Kisad Gaba Granite** - which is found in A§gede Tsimbla woreda, has an average block size of 24 and 67.5 meter cube for the pink and grayish pink types respectively. Its reserve is estimated to be 58,012.5 meter cube.

**Borquah Granite** - which is found around Rama, has an average block size of 83, 39.6 and 36 meter cube. Its reserve is estimated to be 46,000,000 meter cube.

**Embamadare Granite** - which is found around Mai Tsebri, has an average block size of 42, 112 and 47.5 meter cube. Its reserve is estimated to be 1,320,000 meter cube.
Adet Granite- which is found around Axum, has an average block size of 19.24 and 108.64 meter cube. Its reserve is estimated to be 106,290,000 meter cube.

Green Stone
It is found in North West zone around Zana with different block size of 7.68, 4.68 and 67.34 meter cube. And its abundance is about 40,240,000 cubic meters.

Slate
Chemiti Slate-is found around Hawzein. It is blue-black, fine grained, compacted and with a thickness of 3 mm- 1 cm, and its reserve is estimated to be 880,000 meter square.

Gilgile Slate- is found around Adigrat. It is greenish blue, fine grained, compacted and with a thickness of 4mm to 1cm, and its aerial coverage is 1,400,000 meter square.

Limestone
Limestone is found around Mekelle at three different places with different block sizes.
- Sherafo limestone- which is found west of Agulae, has an average block size of 3 and 12 cubic meter. And its reserve is 180,000 cubic meter.
- Meal Agmal limestone- which is found west of Mekelle, has an average block size of 12 and 6.75 cubic meter. And its reserve is 445,300 cubic meter.
- Gogon Da’ero limestone- which is found east of Mekelle, has an average block size of 6 and 12 cubic meter.

Silica Sand
It is found around Edaga Hamus & Frewoyni that its thickness reaches 15 -30 meters.

Kaolin
It is highly abundant around Adwa and La-alay Addiyabo a place known as Addi berrakh and Tsaeda Mdrri. Its thickness ranges 1-10 meter.

Copper
Copper is found in wide coverage within North West zone around May Hanse, Terrer, Tsehaffi emba & Arragb Mesha.

Gold
A special kind of gold known as “Placer gold” specifically found in Daerotekli, sebbeh, woree, Tanqua, chinni, Tsimbla, Frfra, Medebay Tabr, Tselim Ech, Hitsuyu, Maychew, Rahwa, Ruaslamay, Shambeko & Addiftaw.

Iron
Iron is used for almost in all materials. It is found around central & east zones particularly at Enticho, chilla chikinni, Mukkat, Edagga Humus and Sebeya.

Lead & Zinc
It is found in East zone of Tigray at Addi Desta & Abreha weatsibeha.

Nickel
Nickel is found around Mekelle & Seharti samre woreda which is south west of Mekelle

MANUFACTURING INDUSTRY
Out of varied manufacturing opportunities, some are:
Production of Veterinary Medicine- WHY?
- Existence of abundant livestock
- Pervasive prevalence of animal disease
- Tigray is the nearby market for Afar region
- Raising awareness for using veterinary medicine

Electrical and Electronic Products- WHY?
- Full 24 hrs electric power supply
- Well facilitated transport service including air transport
- Increasing awareness to use Electronic products

Production of Pharmaceutics- WHY?
- Unaffordable price of imported medicines
- Existence of ethanol in the establishing sugar factory
- Abundance availability of gum & incense
- Suitable and enough land for inputs/plantation

Production of Cosmetics- WHY?
Existence of different plants such as Aloe, bamboo, Grape fruit, apple, coconut, cactus etc

Production of Exportable Meat- WHY?
- Bulk and quality livestock population
- Special oxen breed (Raya).
- Availability of ample land
- Full 24 hours full electric power supply

Processing of Animal Feed- WHY?
- Excessive bi-products of organic matters in urban areas
- Presence of above 20 flour milling factories
- Existence of traditional edible oil extractors
- Dansha cotton ginning factory
- Milled bone from Abergale International slaughter

Food and Beverages- WHY?
- Availability of ample land
- High potential of underground water
- Ample skilled manpower and excess labor force
- Fulfilled infrastructure
- Proximity of the region to ports

Textile and Leather- WHY?
- Availability of ample land
- Ample skilled manpower and excess labor force
- Fulfilled infrastructure
- Proximity of the region to ports

Mineral Water Distillation- WHY?
- High potential of underground water
- Proximity of the region to ports
- High demand of distilled mineral water

Construction Materials- WHY?
- Raising rate of construction sector
- Availability of almost all mineral inputs
- Plays a determinant role on the Ethiopian renaissance

Detergents- WHY?
- Availability of ample land
- Raising awareness for personal hygiene
SERVICE SECTOR

Health- WHY?
✓ High demand of health service
✓ Availability of skilled labor force
✓ Raising awareness for medical treatment
✓ Priority of government for health sectors

Education- WHY?
✓ High demand of educational institutions
✓ Expansion of urban centers and high rate of urbanization
✓ Improving life standard
✓ Priority of government for education sectors

HOTEL & TOURISM

Hotel- WHY?
✓ Economic development
✓ High rate of urbanization and infrastructure expansion
✓ Raising of tourists number
✓ Government priority for tourism sector

Lodge – WHY?
✓ Infrastructure expansion
✓ Raising of tourists number
✓ High demand for cultural recreation centers
✓ Scenically beauty natural and historical tour sites

Tour Operation- WHY?
✓ Beautiful natural scenery and varied historical tour sites
✓ Infrastructure expansion
✓ Awareness of tourists is increasing.

CONSTRUCTION- WHY?
✓ Construction sector is untapped sector.
✓ Due to its huge employment creation, due attention is given by the government
✓ The government has designed housing development strategy

Investment Services are Available at:
1. Mekelle City
2. Southern zone: Wereda Alamata, Wereda Raya Azebo, Alamata, and Maichew
3. South eastern: Wereda Enderta
4. Eastern Zone: Adigrat, Wukro, Wereda klte Awulaelo, Wereda saesi Tsaeda Emba, Erob
5. Central zone: Abiy Adi, Wereda Ahferom, Adwa, Axum
6. North western zone: Shire, Sheraro
7. Western zone: Setit Humera, Wereda Kafta humera, Wereda Welkayt

Come grow with us…