**MOBILE ECONOMY SUB-SAHARAN AFRICA**

**Unique subscribers and SIM connections**

![Image showing subscription and SIM connection numbers]

- **2015**: 386m (41% penetration rate)
- **2020**: 518m (49% penetration rate)

**CONNECTIONS**

- **2015**: 722m (77% penetration rate)
- **2020**: 982m (93% penetration rate)

*Excluding M2M*

**Accelerating moves to mobile broadband networks and smartphone adoption**

- **Mobile broadband connections**
  - **2015**: 24% of total
  - **2020**: 57% of total

- **Smartphones**
  - **2015**: 160m
  - **2020**: 540m

By 2020, there will be 540m smartphones, growth of 380m from the end of 2015

**Data growth driving revenues and operator investments**

- **Operator recurring revenues**
  - **2015**: $40bn
  - **2020**: $51bn
  - **2015-20 CAGR**: 5%

- **Operator capex of up to**
  - **2015-20 CAGR**: 5%
  - **2015**: $15bn
  - **2020**: $20bn

**Mobile contributing to economic and social development across the region**

- **Delivering digital inclusion to the still unconnected populations**
  - Mobile internet penetration 23% in 2015, 37% in 2020

- **Delivering financial inclusion to the unbanked populations**
  - 135 live services across the region as of December 2014

- **Delivering innovative new service and apps**
  - Number of M2M connections to reach 30m by 2020

**Mobile industry contribution to GDP**

- **2014**: $102bn
- **2020**: $166bn
- **8% GDP in 2020**

**Public funding**

- **2014**: $15bn
- **2020**: $20bn

Mobile ecosystem contribution to public funding before regulatory fees

**Employment**

- **2014**: 2m JOBS
- **2020**: 2.7m JOBS

Plus an additional 3.4 MILLION indirect jobs supported by 2020