



Progress on implementation of the Malé Declaration at the national level

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Outline of the Presentation



- **Country Profile;**
- **Implementation of national activities related to MD;**
- **Relevant air work plan as per our 11th FYP;**
- **Gaps and Needs; and**
- **Issues and Challenges.**

Country Profile



- Area: about 38,394 square km;
- Population: 745,153 (M: 387,520; F:357,633);
- Districts: 20;
- Capital: Thimphu ;
- Forest cover: >70%;
- Major Economy: Hydropower and subsistence agriculture practice; and
- No major anthropogenic air pollution sources in the country.

Implementation of national activities

- Continue to monitor PM10 levels for 5 locations in the county;
- Initiated to upgrade toward automatic online monitoring system -Thimphu, Pasakha and few other selected location in the country;
- Continue to use manpower from industries and academic institutions;
- Started to reinforce data collection for vehicular emission; and
- Trained relevant officials from Road Safety to enhance vehicle emission inspection.

Air work plan - 11th FYP

- Increase number of automated online air quality system –atleast 4 online station;
- Include PM 2.5 in the monitoring system;
- Build robust air quality data base;
- Improve vehicular emission testing system and database;
- Review ambient air quality standard –end of current 11 FYP; and
- Review vehicular emission standards –end of 11 FYP reflecting national circumstance .

Gaps and Needs

- More impact study is needed –e.g. build from Sherubtse College;
- Need to improve and refine air quality inventory;
- Need robust air pollution dispersion modeling; and
- Impact of air pollution critical to draw policy attention.





Issues and Challenge



- **Improve network and information sharing among the member countries;**
- **More high level political engagement on Male Declaration;**
- **Strengthen ownership; and**
- **Secretariat to be more proactive.**



THANK U

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