



Online **ADB Sanitation Dialogue 2021**

ACCELERATING INCLUSIVE SANITATION

12–22 April 2021

Webinar 6: Why We Need to Think Differently about Sanitation

Importance of Large-Scale Fecal Sludge Management in CWIS

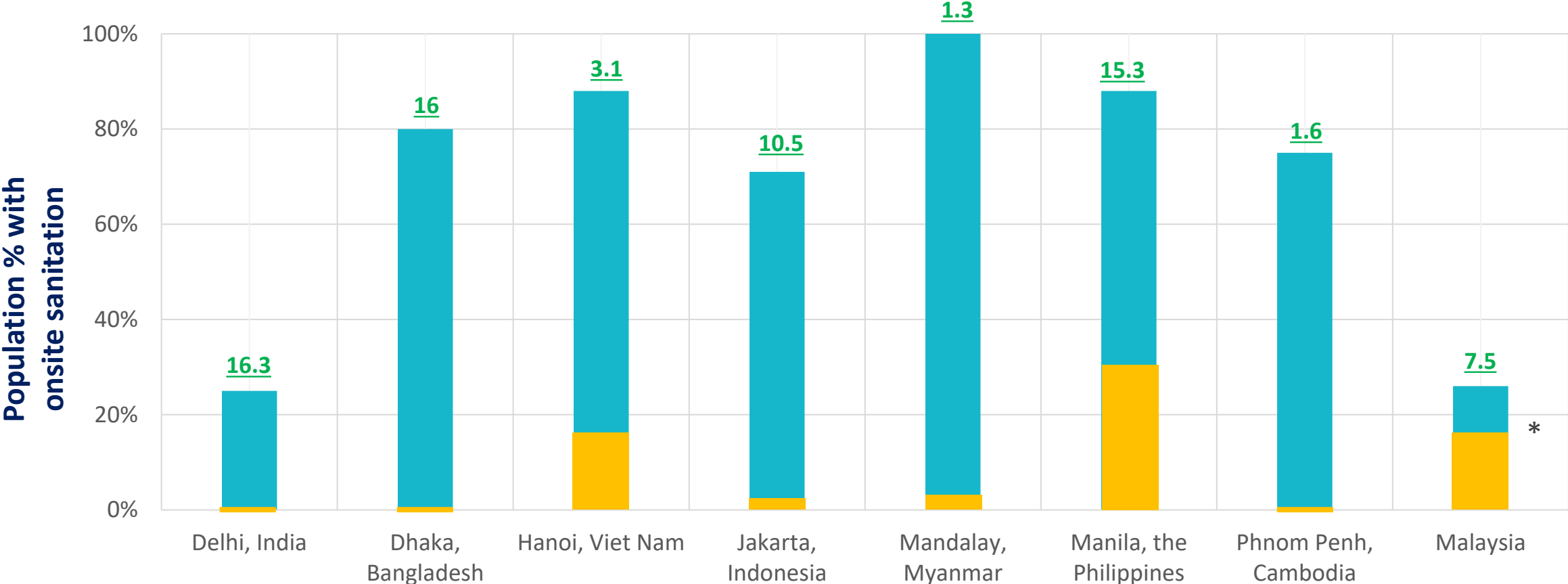
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Large-scale fecal sludge management required in CWIS

Population% in Asia cities served by onsite Sanitation (gap not always covered by sewerage services)

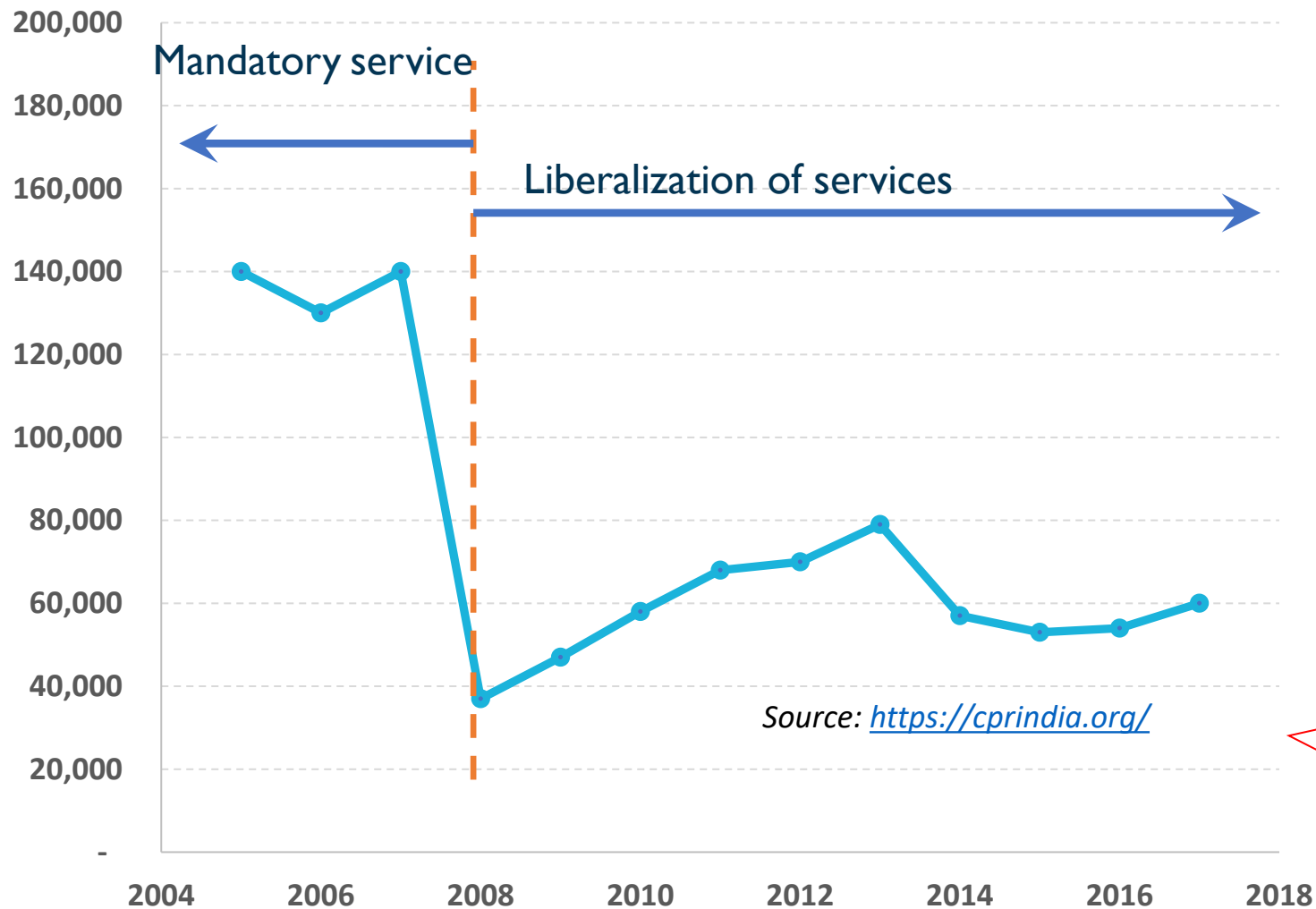


Legend: 16.3 OSS population in millions ■ % of FSM safely managed * Malaysia Before 2008

Sources: www.susana.org; www.wsp.org; <https://cprindia.org/>

Mandatory desludging vs. Voluntary desludging: the Case of Malaysia

Individual Septic Tanks Desludged (2005-2017)



- Mandatory desludging regulation from 1994 to 2008 by federal government (served by IWK)
- Shift to on-demand initiated by homeowner from 2008

Conclusion:

- **Mandatory desludging by government is a must.**
- **Long way on awareness campaign of FSM.**

Strong leadership and institutional arrangements at the national level are key factors for sustainable FSM



- **Set OSS and FSM as govt's investment priority** instead of alternative choice of sewer connection;
- **Strengthen the govt's ownership of the FSM** instead of leaving it to the private sector;
- **Make desludging as a mandate/schedule activities with proper recording** instead of demand driven activities; and
- **Final sludge disposal** should be done properly.

Various financing and business models are necessary to sustain FSM

- **Private sector would be better to be the sub-contractors** of the government's agency instead of free competitive operators;
- **Provide technical support for mandatory/ scheduled desludging practice** for private operation; and
- **Charge the fee under regular monthly water billing** instead of collecting it separately.

Thank you!

Let's keep working for safe sanitation for all

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