

Flood economic disruptions and climate change adaptation in Indonesia

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Large floods occurred in several provinces in Indonesia from 2010-2017



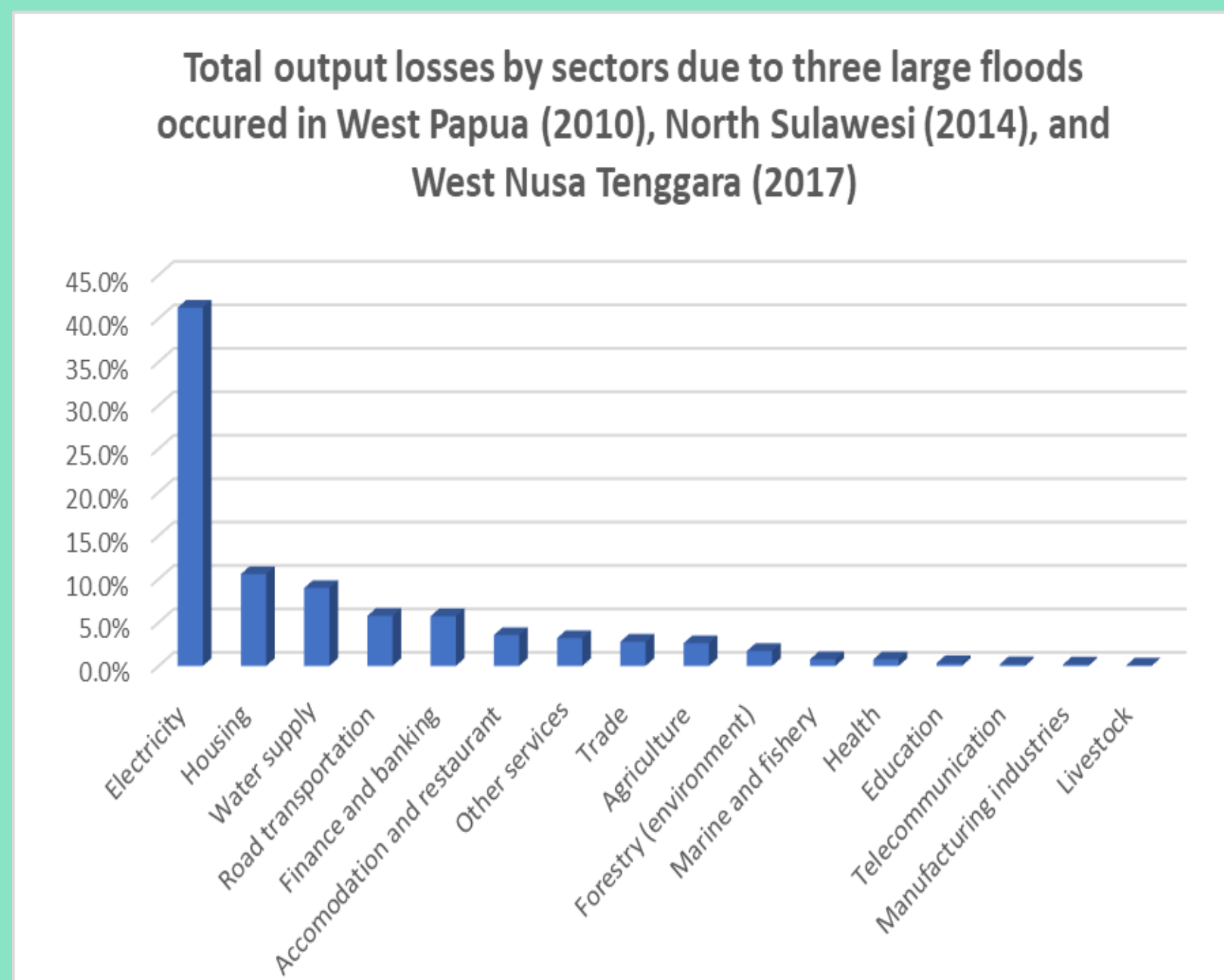
Source: <https://news.detik.com/berita/d-3429219/banjir-jakarta-di-5-tahun-terakhir>; <http://archive.rimanews.com/nasional/peristiwa/read/20160926/305060/Banjir-Bandang-di-Indonesia-dalam-Lima-Tahun-Terakhir> (Accessed on October 5, 2018).

Priority sectors of climate change adaptation in Indonesia

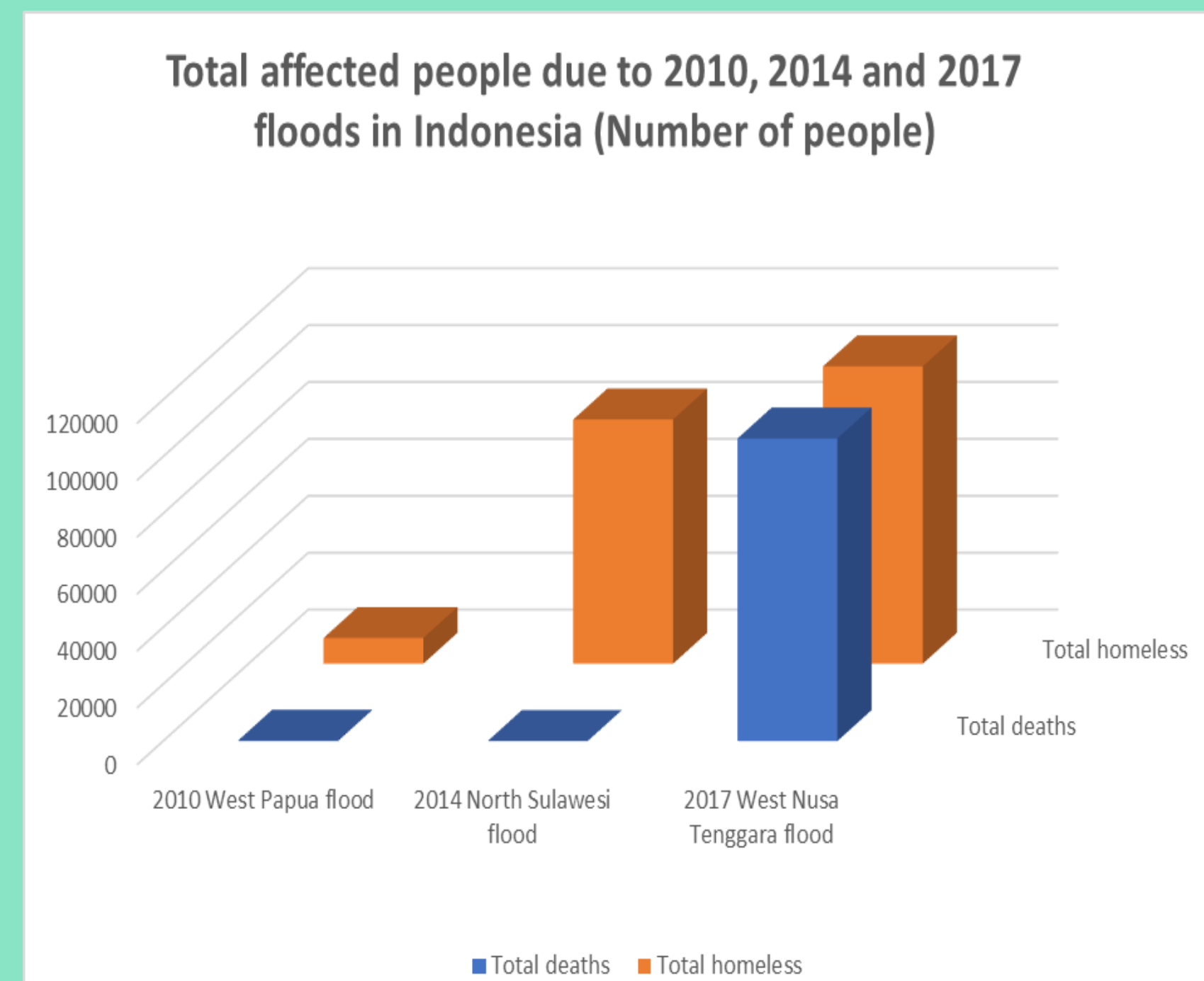


Source: Indonesia Climate Alliance (August, 2017)

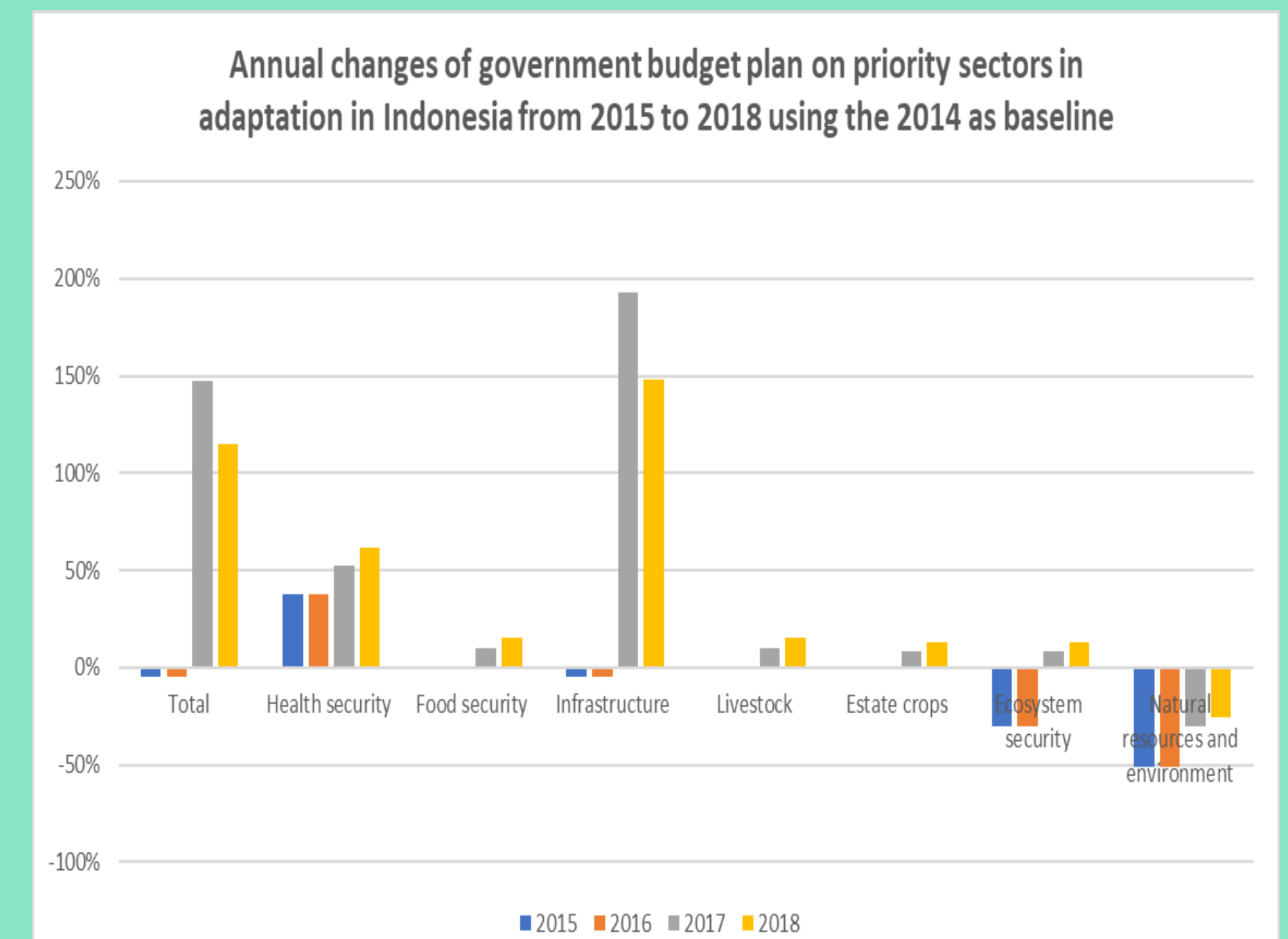
2010 Indonesia IO tables (39 sectors)



Source: Authors' calculation based on flood losses data of the Indonesian National Board for Disaster Management (BNPB)



Source: Authors' calculation based on the Indonesian National Board for Disaster Management (BNPB) (2010, 2014, 2017)



Source: Authors' calculation based on data published by BAPPENAS (2015) and the Indonesian Ministry of Finance National Government Budget Plan (2015, 2016, 2017, 2018)

Static CGE

- (i) What are the economic disruptions of the floods on economic system in Indonesia?;
- (ii) What will be the impacts of floods occurred in Indonesia on other countries?;
- (iii) What are the impacts of the Indonesian government plan on climate change adaptation on disaster risk reduction (particularly on floods) in Indonesia?

Policy implications

- (i) What policies can be implemented by the relevant stakeholders in Indonesia for better adapting to the impacts of floods and climate change in Indonesia?;
- (ii) What supports can other countries provide to the Indonesian government for better adapting to the impacts of floods and climate change in Indonesia?