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**Practising sustainable waste management: a case study
on a zero waste community in Bandung, Indonesia**

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Abstract

This study explores how men and women understand and practice a zero waste lifestyle at the household level in the Zero Waste Community YPBB Bandung City. In particular, this study examines the perception, attitude and behaviour, the progress, and the barriers men and women experience related to practicing their zero waste lifestyles within their daily life. In order to achieve the aim of this study and to gain a deeper understanding of the daily practice in their everyday lives, this study has adopted a qualitative research. Working along with the Zero Waste community Yayasan Pengembangan Biosains dan Bioteknologi (YPBB) Bandung or The Foundation of Development in Bioscience and Biotechnology as the case study had been conducted in Bandung city, Indonesia.

The findings reveal that YPBB zero waste lifestyle is perceived as a philosophy and visionary concept. Adopting a zero waste lifestyle concept into daily life may bring about difficulty for participants. The results showed that men and women participants had different ways of perceiving zero waste lifestyles practices, such as, composting, consumption patterns, and carrying a zero waste kit. Power structures in the household and gender stereotypes in society also play a role in households. These structures are affected by the patriarchal system embedded in Bandung City. This study builds on understanding of the participants realities as reflected through zero waste, and gender and development lenses. Acknowledging the roles of men and women within zero waste programmes will lead to a gender sensitive in sustainable waste management. To achieve zero waste goals, this study suggests the importance of education to broaden the mindset of society about the role of equality as it relates to men and women in the household.

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Abbreviations and glossaries

3 R	Reduce, reuse, and recycle
ADB	Asian Development Bank
ASEAN	Association of South East Asia Nations
BAPPENAS	<i>Badan Perencanaan Pembangunan Nasional</i> (National Development Agency)
BPS	<i>Badan Pusat Statistik</i> (Statistics Indonesia)
CCICED	China Council for International Cooperation on Environment And Development
GDI	Gender Development Index
GPS	<i>Gerakan Pungut Sampah</i> (Waste pick movement)
MAD	Masculinities and Development
NGO	Non-Government Organisation
PKK	<i>Pemberdayaan Kesejahteraan Keluarga</i> (Empowerment Family Welfare)
RPJMN	<i>Rencana Pembangunan Jangka Menengah Nasional</i> (National Medium Term Development Plan)
SDG	Sustainable Development Goals
THM	Takakura home composter
ToT	Training of Trainers
UN	United Nations
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNEP	United Nations Environment Programme
UN-HABITAT	United Nations Human Settlements Programme
WCED	World Commission on Environment and Development
WED	Women, Environment, and Development
WHO	World Health Organization
WSSD	World Summit on Sustainable Development
YPBB	<i>Yayasan Pengembangan Biosains dan Bioteknologi</i> (Foundation of Development in Bioscience and Biotechnology)
ZWI	Zero Waste Indonesia