



Realizing Decarbonization of Society in Indonesia

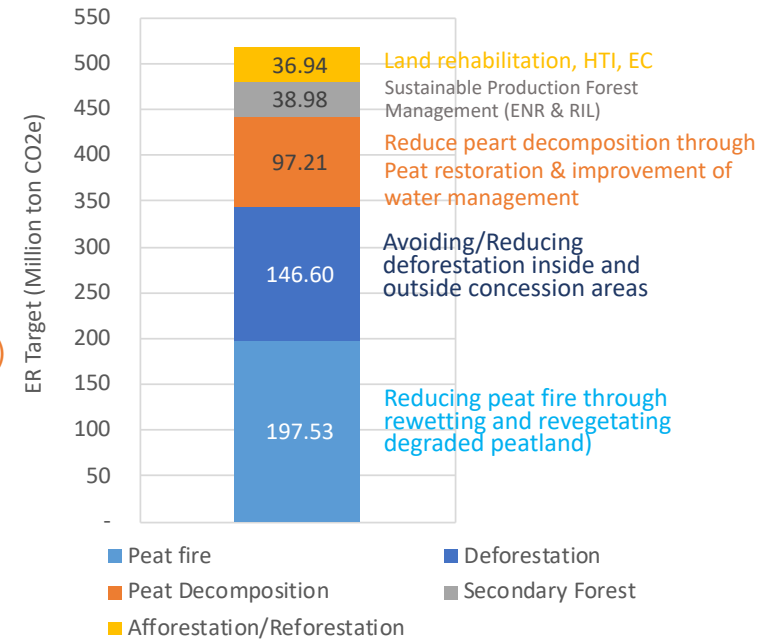
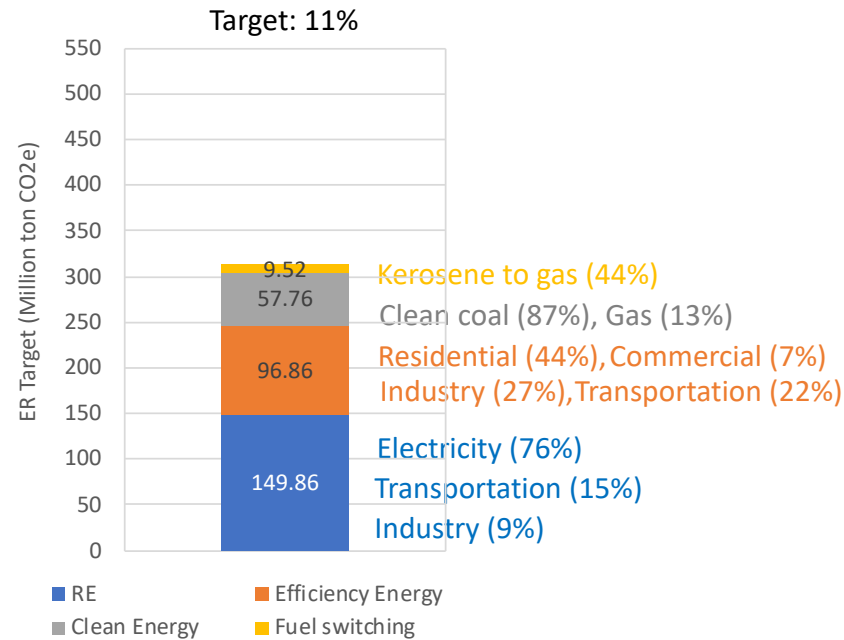
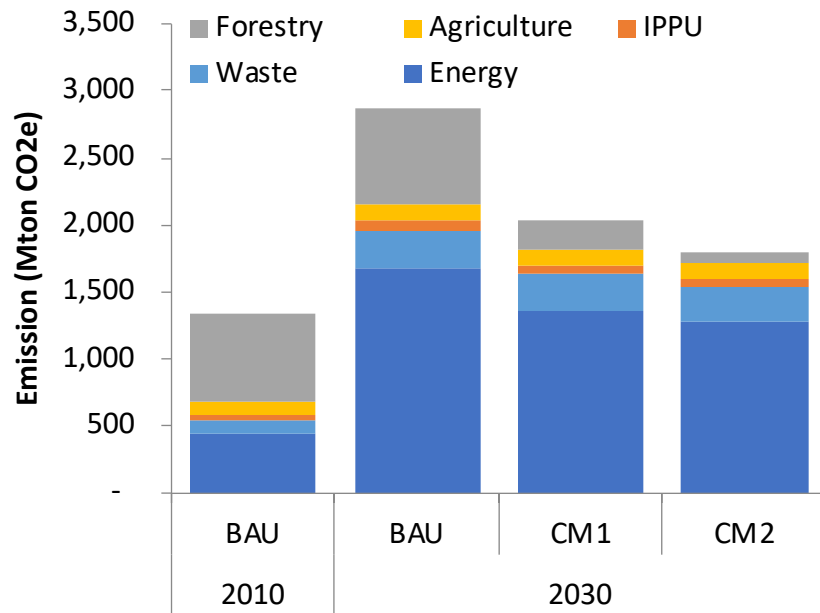
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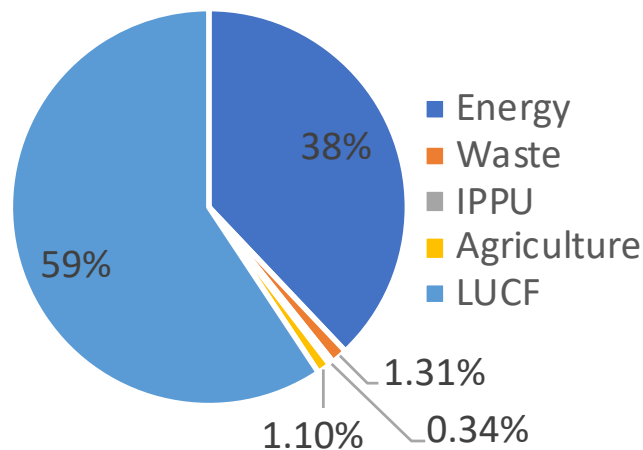


INTRODUCTION



Emission Reduction Target by 2030

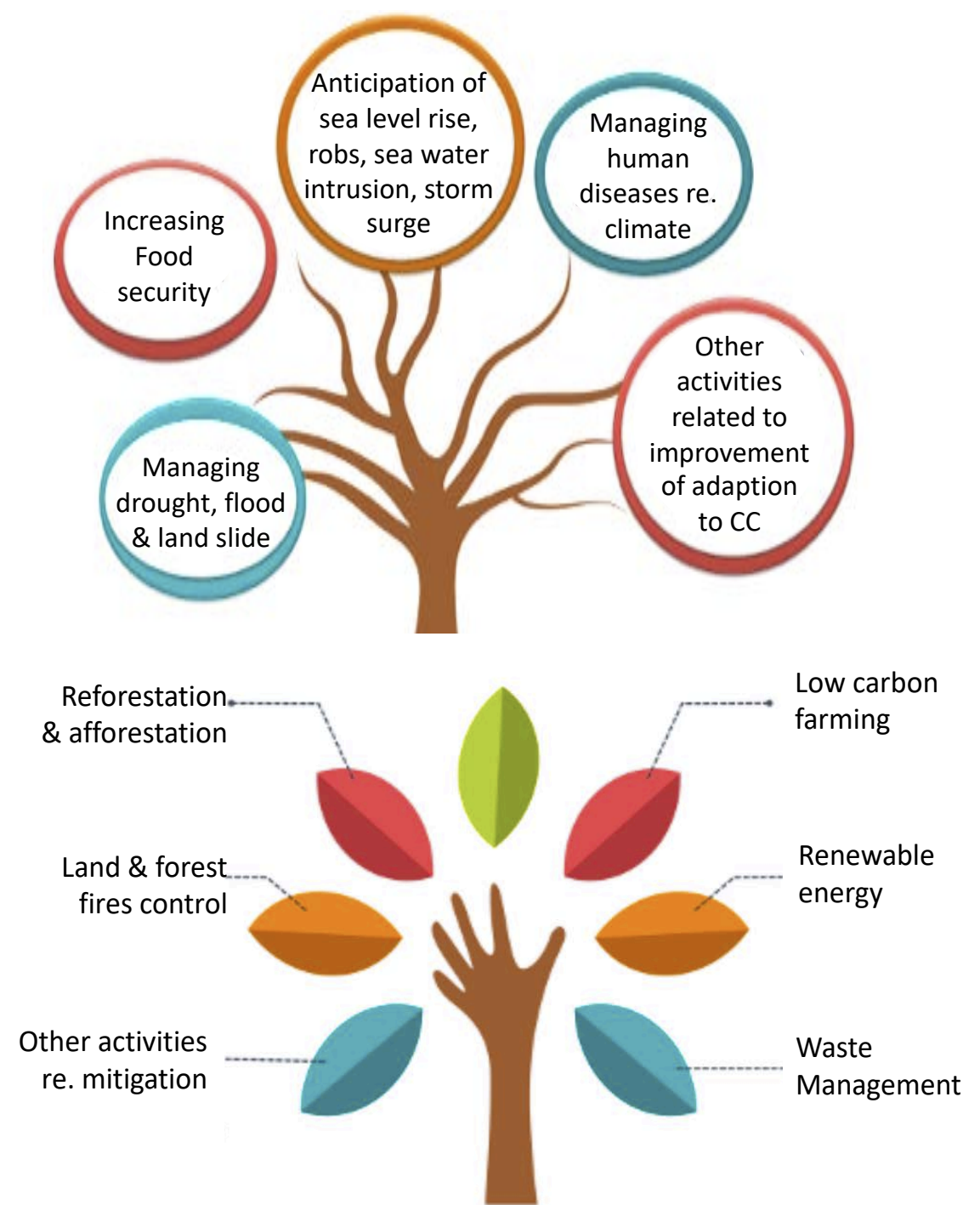
Source: Based on MoEF, 2011



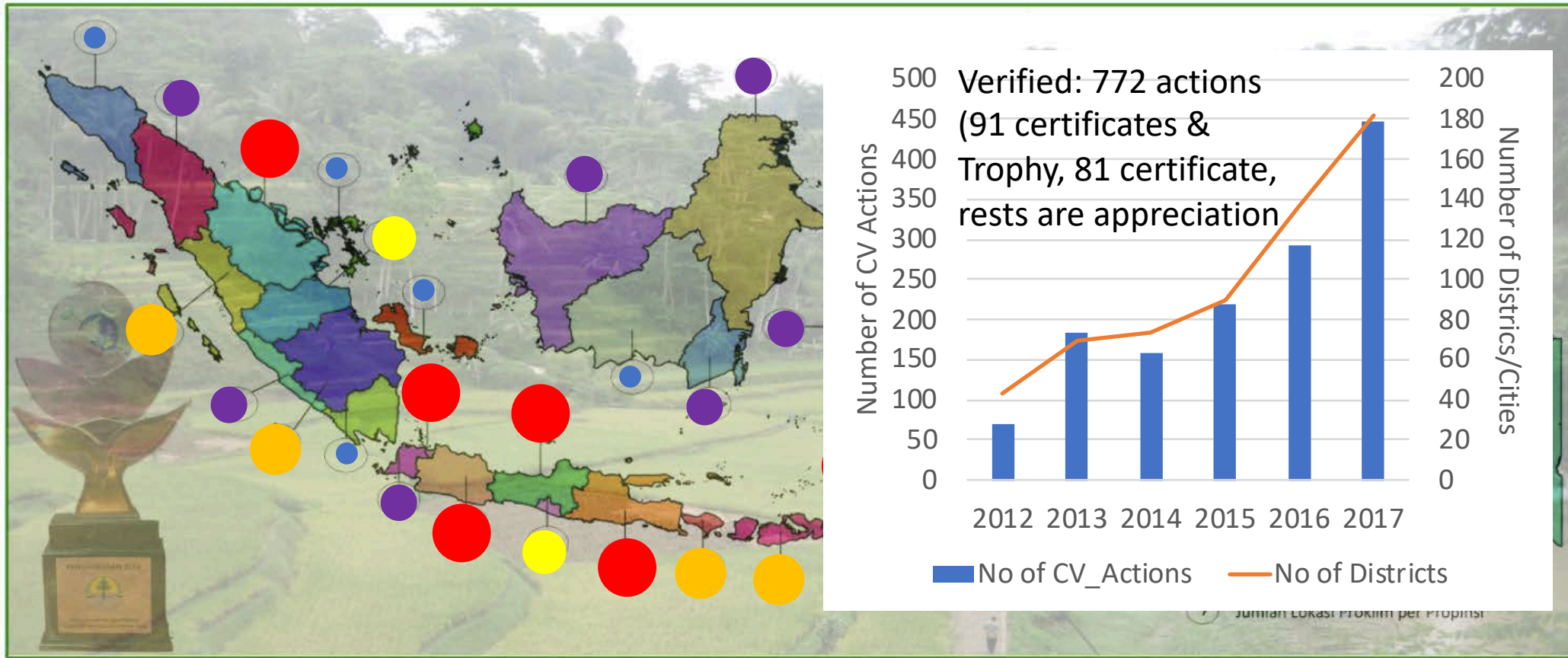
- There are clear evidences that our climate is changing and causing impacts on various sectors and livelihoods.
- Intensity and frequency of extreme climate events are increasing
- Need huge effort to reduce emission and increase adaptation
- Without participation of all stakeholders, it will be difficult to manage the climate risk now and in the future
- Government of Indonesia has developed Climate Village Program through Minister of Environment and Forestry Regulation Number 84/2016

Climate Village Programs

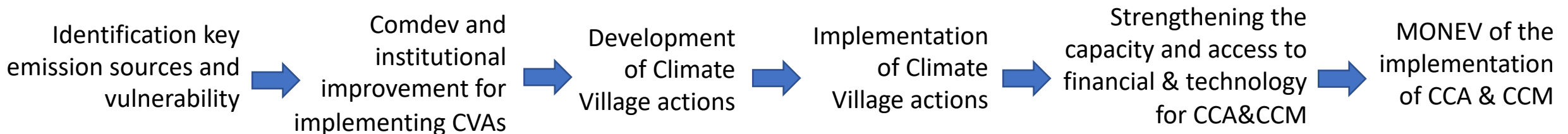
- Climate Village Program (ProKlim) is a program managed by the Ministry of Environment and Forestry
 - To encourage and to increase the involvement of communities and other stakeholders to strengthen the capacity and actions for managing climate risk through adaptation and mitigation efforts.
 - To increase their understanding that managing climate risk properly can contribute to the improvement of welfare and environmental quality



Climate Village Actions



Since 2012-2017, there 1375 CV Actions, spread in 594 districts/cities & increased from time to time



Strategy in the Implementation of Climate Village Actions



Strengthening the local governments' capacity in supporting CCM and CCA



Strengthening capacity of community in implementing CCA and CCM



Developing partnership with ministries/other national agencies, privates and NGOs



Pushing creation of community champions to ensure sustainability of CCA, CCM and economic livelihood



Pushing commitment of policy makers at national level in supporting CCA and CCM and economic activities at community level



Distributing & promoting the success stories of climate village actions to others



Improving the development and the implementation of appropriate technologies that support adaptation & mitigation, economic livelihood



Optimizing the available potential financial sources to support the Climate Village Actions (e.g. CSR)

Climate Village Actions

Renewable Energy

1. Energy saving stove,
2. Utilization of biogas,
3. Use of rice husk stoves,
4. Utilization of water and wind flow for energy, and
5. Utilization of solar energy

(1)



(3)

(2)

Installation of gas reactor to produce electricity for household needs



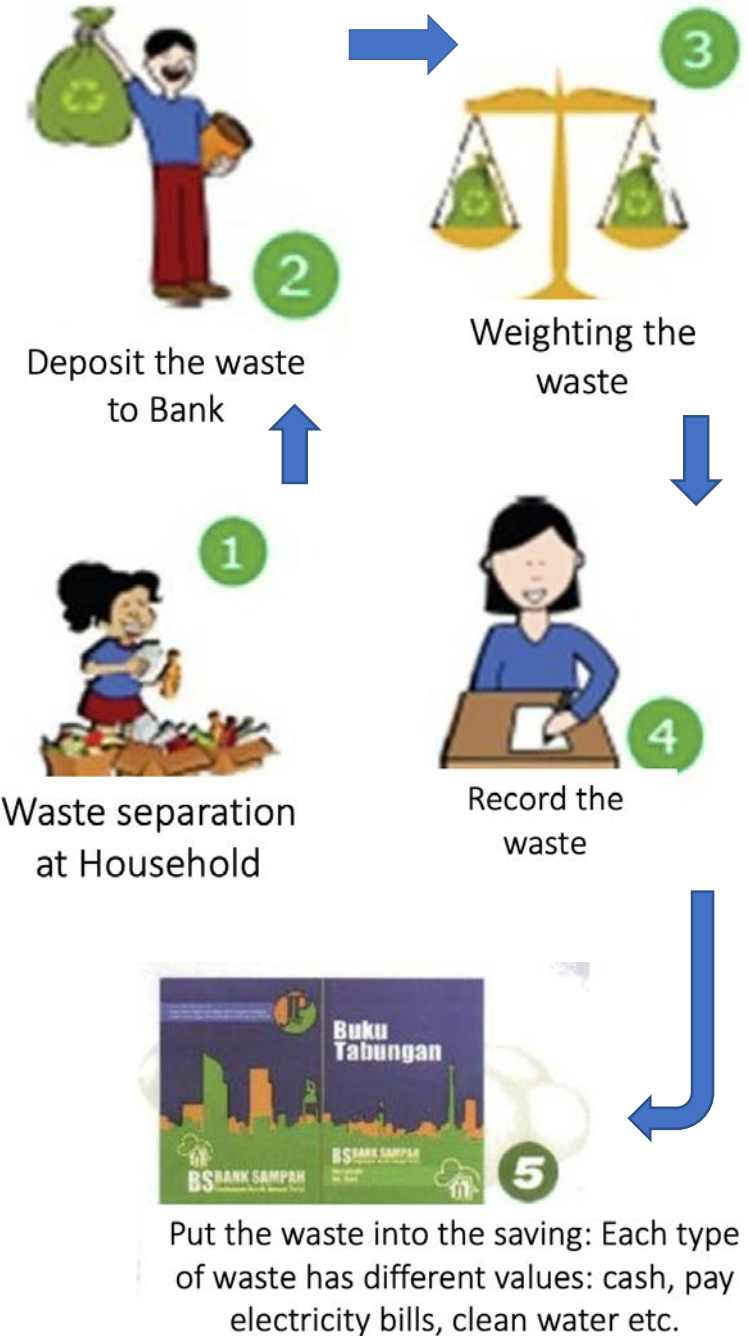
(4)

- Poor sanitation & waste management system; accumulation of organic waste in dumpsite – release methane, CH₄



POTENTIAL SOLUTIONS

WASTE BANK



CLIMATE ACTION VILLAGES: RECYCLE, REUSE, REDUCE (3R)



HOME INDUSTRY: CONVERTING WASTE INTO VALUABLE PRODUCTS

TRAINING FOR HOUSEWIFE AND YOUTH



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R
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RESTORING PEATLAND & APPLYING PEAT FARMING SYSTEM (PALUDIKULTUR)

3 R: Rewetting, Revegetation and Revitalization

Extensive areas of deforested and drained peatlands are not cultivated and have extreme fire risk $\sim >2$ Mha



Drained Peatland is very vulnerable to fires



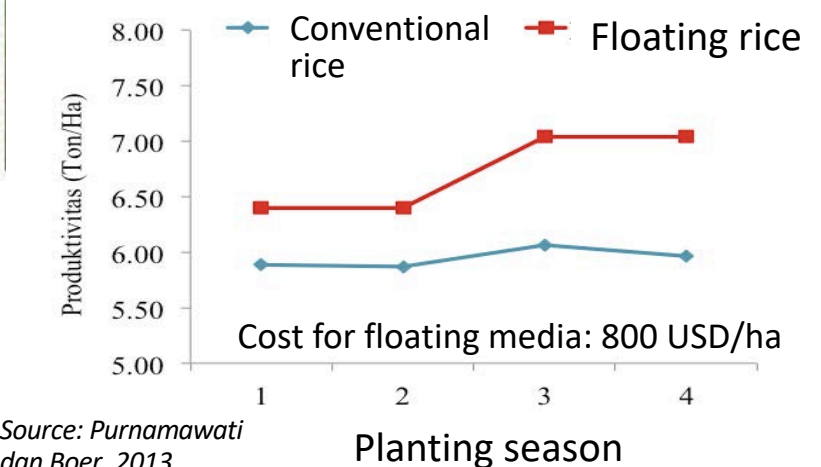
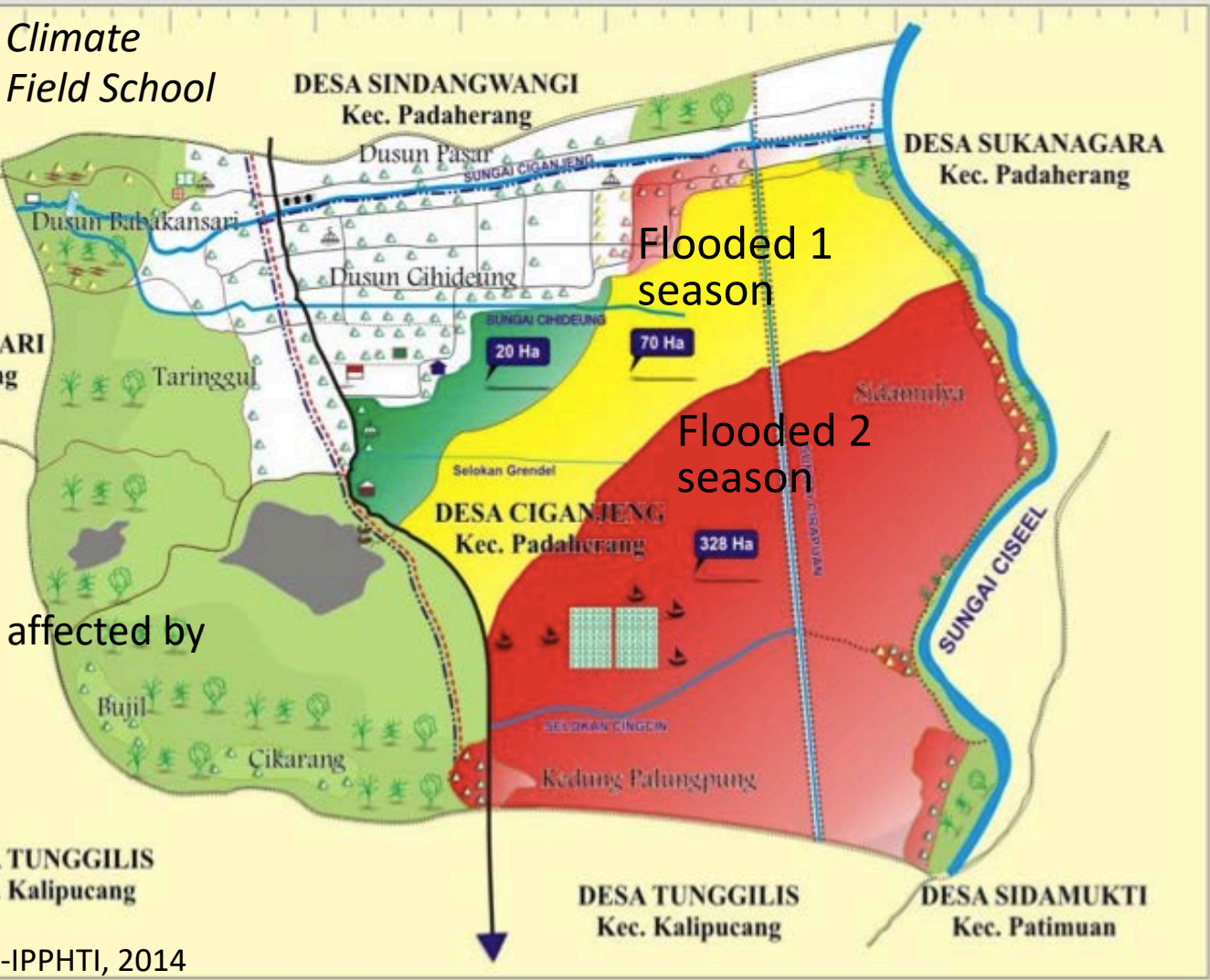
Photo by Bjorned
Palangka Raya, Sept. 2015



Floating Rice: Adaptation to long-flood

CLIMATE RISK MAP IN CIGANJENG VILLAGE

Climate
Field School



Source: Adinata-IPPHTI, 2014

Source: Purnamawati dan Boer, 2013

Epilogue

- Climate Village (CV) Program play significant role in reducing emission and climate resilience
- Facilitation and support for the CV program is key for the successful of the program, i.e. access to financial and also to market for the CV products
- CSR program from privates should be directed to support the CV program
- Aligning village fund for supporting the CV program

Kembangkan Program Kampung Iklim, DWP BLI Gandeng Pemerintah Desa dan CSR Indocement



BLI (Bogor, 23/4/2018)_Dharma Wanita Persatuan Badan Litbang dan Inovasi (DWP BLI) turut serta dalam pengembangan program kampung iklim di wilayah Bogor, tepatnya di Desa Bantarjati, Kecamatan Kelapanunggal, Kab. Bogor. Bentuk dukungan yang diberikan oleh DWP BLI adalah dengan menggunakan sumber daya yang dimiliki untuk penguatan kapasitas masyarakat melalui program khusus penanaman lahan kurang produktif dan program lainnya, serta melakukan edukasi bersama masyarakat.

Untuk mendukung keberlangsungan program tersebut, dilaksanakan kegiatan penanaman pohon yang dirangkai dengan penandatanganan *Memory of*

Understanding (MoU) Three Partiet antara Kepala Desa Bantarjati, CSR Dept. PT Indocement Tunggul Prakarsa dan DWP BLI.

Berharap dari Kampung Iklim Mernek Jenek

Oleh Sumarwoto ○ Kamis, 17 Oktober 2019 16:22 WIB



Berkaca dari permasalahan tersebut, PT Pertamina (Persero) Marketing Operation Region (MOR) IV Jawa Tengah dan Daerah Istimewa Yogyakarta melalui program pertanggungjawaban sosial perusahaan terhadap lingkungan (Corporate Social Responsibility/CSR) PT Pertamina (Persero) Terminal Bahan Bakar Minyak Maos menggandeng Pemerintah Desa Mernek untuk melaksanakan program Kampung Iklim dengan nama Mernek Jenek.