

The Resilience approach;

Engaging communities before, during and –
after disaster and crisis

ACE Program

Semarang, 9-13 Oct 2017



The IFRC defines the resilience as “the ability of individuals, communities, organizations, or countries exposed to disasters and crises and underlying vulnerabilities to anticipate, reduce the impact of, cope with, and recover from the effects of adversity without compromising their long term prospects”.

Though the resilience is defined in various ways, the essence of each definition is the same - the ability of systems/communities to respond and adapt effectively to changing circumstances. Hence, based on these definitions, we can consider a community the resilient when it has the capacity or ability to anticipate, prepare for, respond to, and recover quickly from impacts of disasters.



Community Safer and Resilience Framework

Overall Goal :
Community Safety and Resilience



Objective 2:
To Empowered the community capacity for saving and strong with their own resources and capital



Objective 1:
To strengthen the capacity of local PMI and also the local government in terms of to build the safety and resilience community.

Coverage Areas of Programme



Programme Achievement:

20 PMI Provinces

80 PMI District/branches

200 Villages

6000 CBAT's established



Strategy:

- Advocacy and Socialization
- Empowering capacity and behavior
- Integrated Program (DRR, Health, Environmental Protection, Food security, Climate Change and Livelihood)
- Strong partnership with Community, Government, Private Sector and Other relevant stakeholders (1BC)
- Sustainability



Approaches :

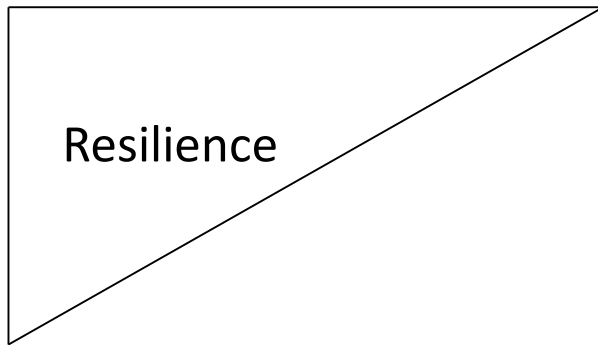
- Community as main “actor”
- to elaborated with DRR framework, CCA and Resilience Community
- Integration with Village development and sustain.
- Multi-sector and integrated
- Used capital and local resources
- Focus on DRR/CCA efforts; solution and innovative



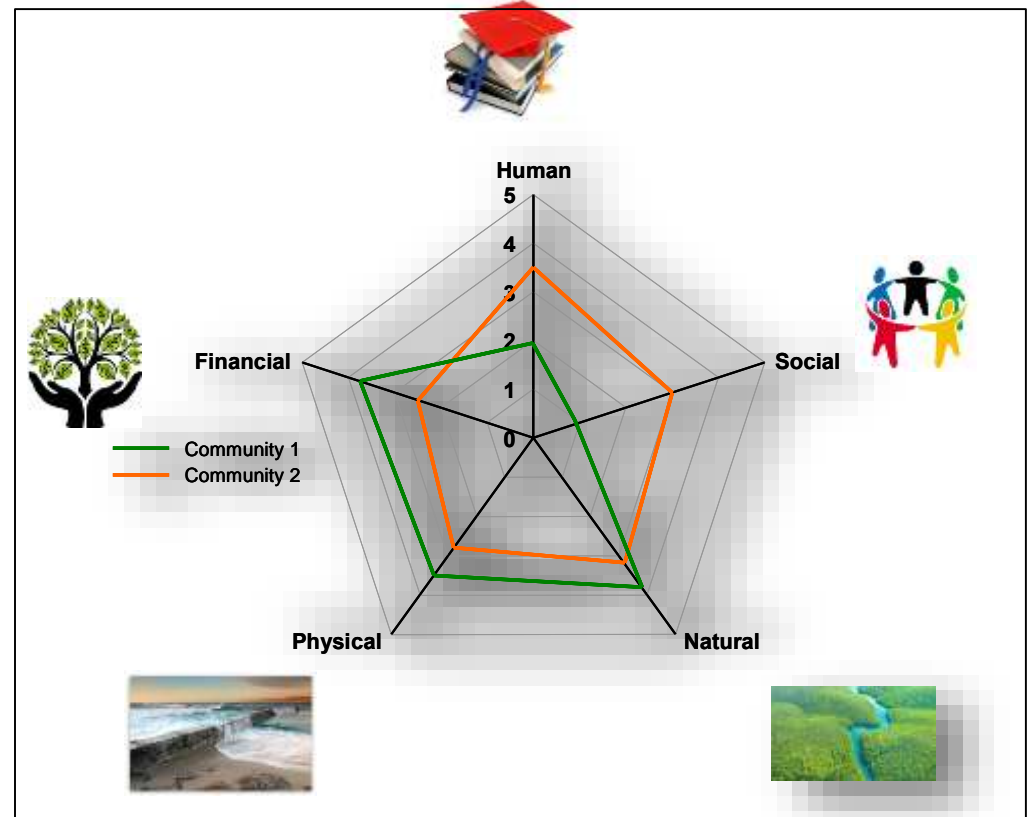
Indicator the Community Safety & Resilience

Tanggung Pratama (primary res)	Tanggung Madia (intermediate res)	Tanggung Utama (main res)
<ol style="list-style-type: none"> 1. The existence of early efforts to develop DRR policy at village level 2. Has a Contingency Plan according to the type of Hazards. 3. Initial efforts to establish a Village Level / Village Level Working Group on DRR consists of representatives from the community 4. The SIBAT team is trained and ready to be mobilized. 5. Initial efforts to establish VCAs (risk assessment, vulnerability and capacity) 6. Preliminary efforts to improve disaster preparedness and response capacity 	<ol style="list-style-type: none"> 1. The existence of DRR policy is developed at the village level 2. The existence of the Con-plan document and the DRR Action Plan but not yet integrated into the village planning instrument 3. The existence of the DRR Working Group consisting of representatives from the community, including women and vulnerable groups, but not yet fully functional and active 4. The presence of a SIBAT team trained and involved in DRR / ICBRR activities. 5. Existence of efforts to conduct VCAs (risk assessment, vulnerability and capacity), including alternative productive economic activities to reduce vulnerability, but not yet tested 6. There are efforts to increase disaster preparedness and response capacity such as Evacuation Line, Disaster Prone Map, SOP etc. 	<ol style="list-style-type: none"> 1. The existence of DRR policy that has been legalized in the form of Village Regulation. 2. The existence of Con-Plan documents, and SOPs that have been integrated into the Master Plan of Village Development through the <i>Musrenbang</i> mechanism. 3. The existence of the DRR Working Group consisting of community representatives, including women and vulnerable groups, and representatives of village government, which function actively. 4. Have at least 30 SIBAT members actively engaging in DRR activities on an ongoing basis. 5. Systematic efforts to establish VCAs (risk assessment, vulnerability and capacity), including DRR efforts and alternative productive economic activities to reduce vulnerability 6. There is systematic effort to improve the capacity of preparedness and disaster response 7. Has implemented Disaster Risk Reduction efforts in an integrated, systematic and sustainable manner, both structural and non structural mitigation. 8. Have carried out contingency plan test through simulation / Table Top Exercises and reviewed it periodically. 9. The community already has disaster preparedness and response behavior that is manifested in the preparedness of family arrangement, as well as RT / RW, Village / kelurahan.

Integrated 5 Capitals into risk assessment

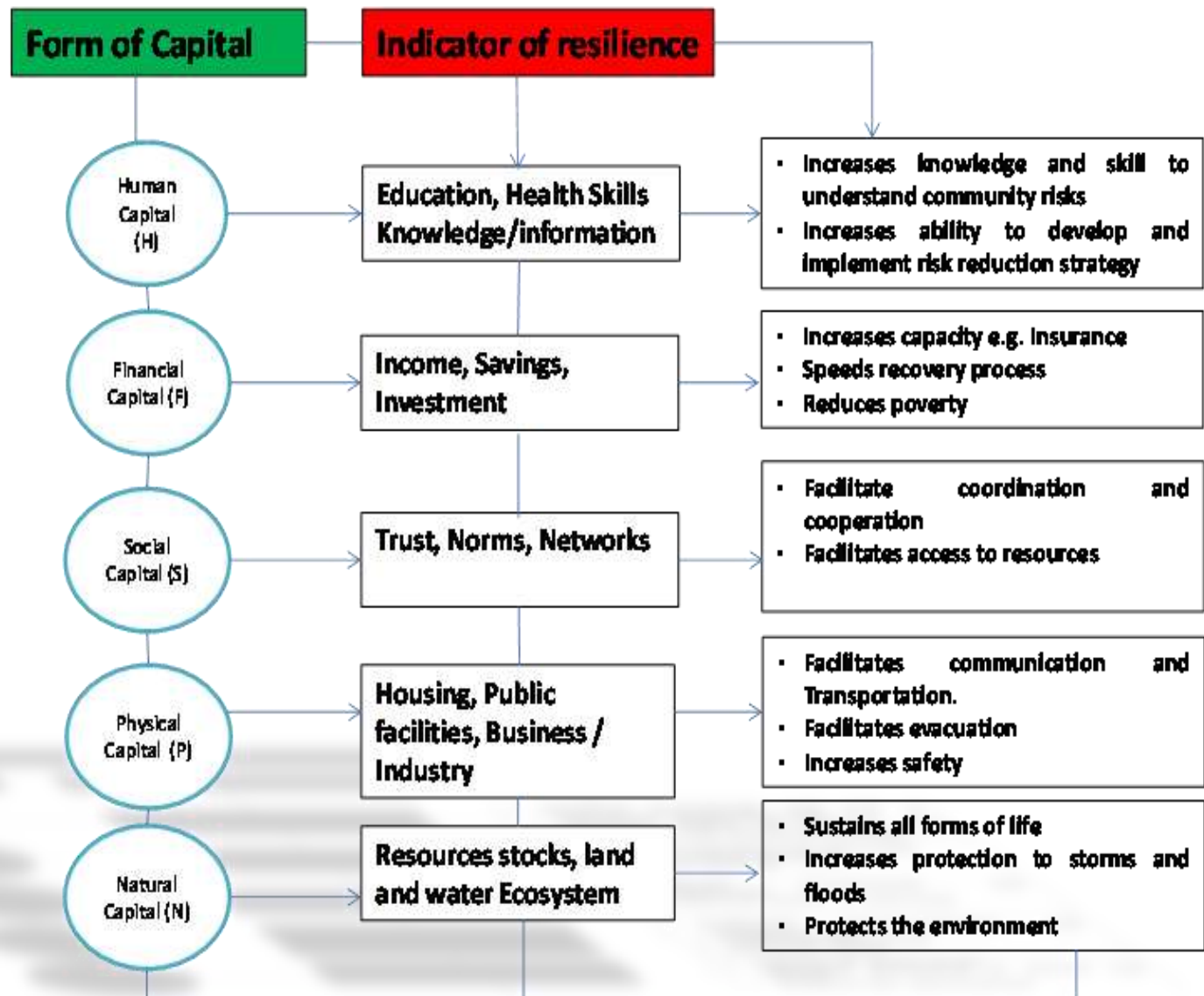


1. Robustness (ability to withstand a shock)
2. Redundancy (functional diversity)
3. Resourcefulness (ability to mobilize when threatened)
4. Rapidity (ability to contain losses and recover in a timely manner)





5 Capital Based Resilience Framework





Cycle of Programme



Program Component:

- **Risk Assessment and Planning**
- **Empowering capacity for Preparedness to Responses**
- **Empowering community capacity for mitigation (local based)**



Component 1:

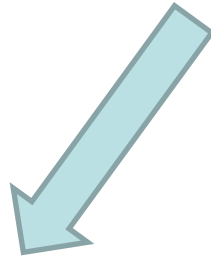
Risk Assessment and Planning, include;

- Risk Mapping
- Baseline Survey
- Risk Assessment
- DRR & CCA Planning



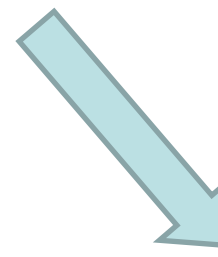


Risk Mapping



Village Level

- Utilization of Transect Walk / GPS tracking
- Spot Map
- Mapping using the ODK Application as a Data collection tool
- Field Paper utilization gets region visualization.
- Utilization of JOSM
- Utilization of Inasafe Plugins integrated into QGIS for disaster scenarios
- Drone Utilization For Image Capture



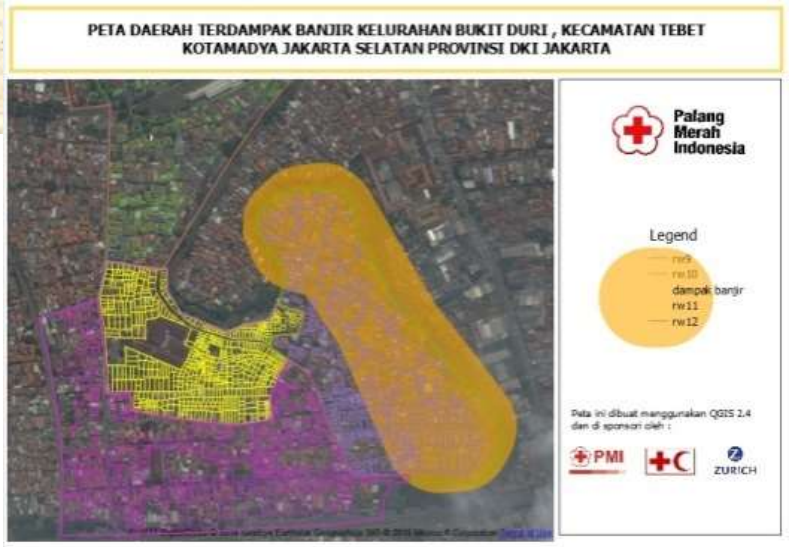
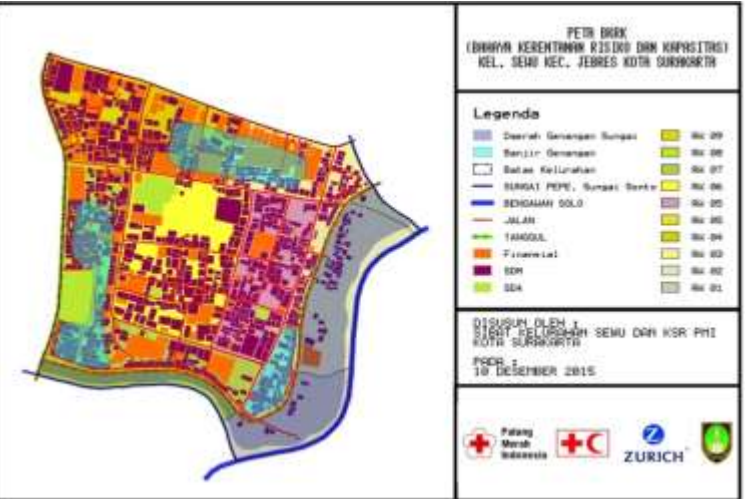
School Level

- HVCA mapping School Areas by students
- Make Preparedness Maps in School
- Prepare Evacuation and Evacuation guidance plan guidelines.
- Install evacuation signs and warning signs

Risk Mapping



Capture Visual Image by Drone



Improvement IT

KAP.Baseline Survey



Risk Analysis and Planning



Component 2:

Empowering capacity for Preparedness to Responses



Basic Training for CBAT



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Indonesia



Emergency Responses Training



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Indonesia



Designed the Emergency Response SOP and Contingency Plan



Socialization SOP and Evacuation Route



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Indonesia



CBAT - Community Centre incl. Post Command



Community Evacuation Centre



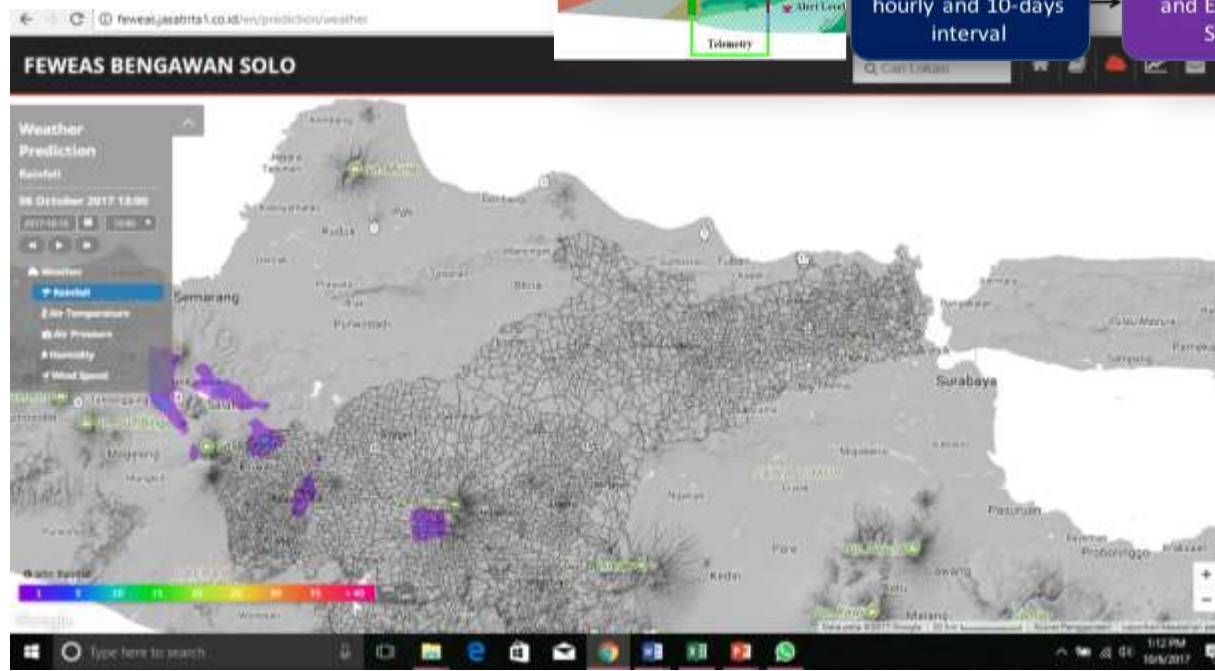
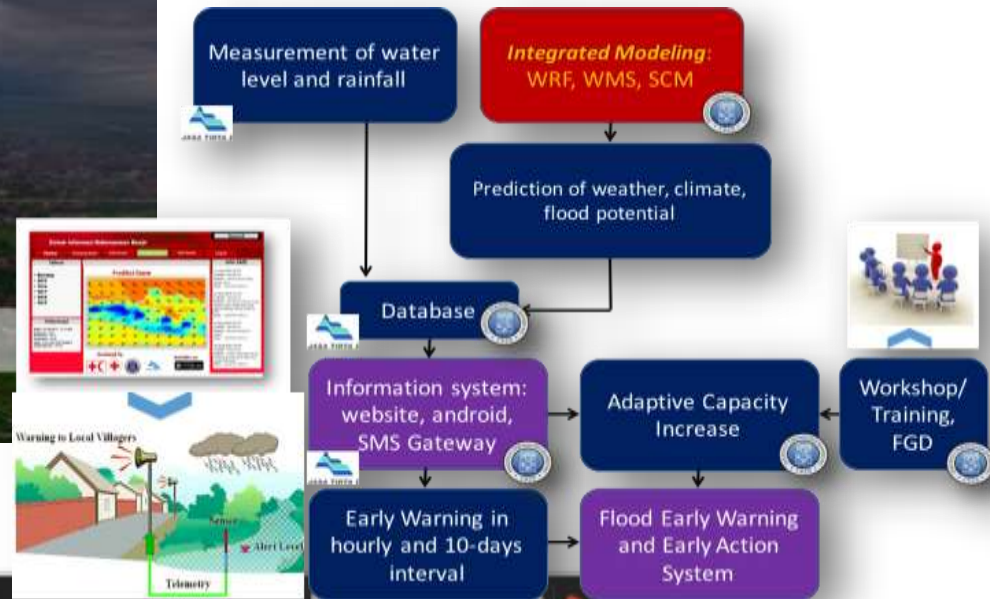
Provision of Evacuation Transportation



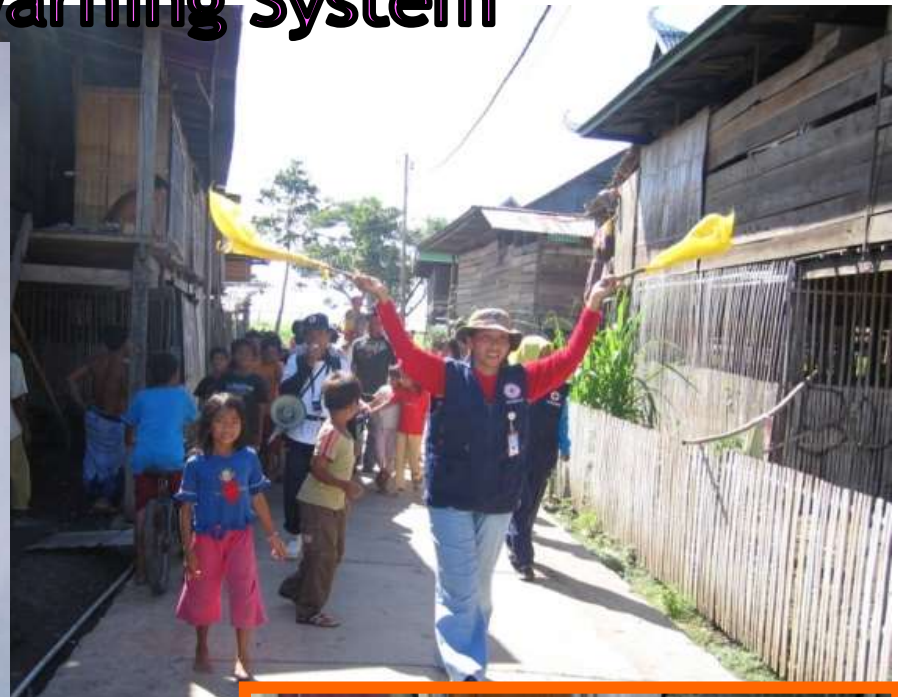
Evacuation signs



Integrated Floods Early Warning Early Action System



Community Based early Warning System



Drill and Simulation



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Component 3; **Empowering community capacity for mitigation (local based)**



Endorse the Local regulation



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PEMERINTAH KOTA SURAKARTA
KECAMATAN PASARKLIWON
KELURAHAN SEMANGGI
Alamat: Jl. Serayu VII No.4 Telpom 638038 Surakarta

PERATURAN KELURAHAN SEMANGGI
NOMOR : 320/23/X/2015

TENTANG
GERAKAN PENGELOLAAN SAMPAH DAN
LARANGAN MEMBUANG SAMPAH SEMBARANGAN

DENGAN RAHMAT TUHAN YANG MAHA ESA

PEMERINTAH KELURAHAN SEMANGGI

Menimbang

- a. bahwa sampah sebagai sisa kegiatan sehari-hari manusia dan/atau proses alam yang berbentuk padat, apabila tidak dilakukan pengelolaan secara baik dan benar dapat memberi dampak negatif dari aspek sosial, ekonomi dan lingkungan;
- b. bahwa membuang sampah di Sungai dapat menyebabkan rusaknya lingkungan sungai, menyebabkan sedimentasi dan berdampak pada banjir;
- c. Pemerintah Kelurahan Semangi mempunyai kewenangan dalam pengelolaan sampah di wilayah kelurahan baik melalui penetapan kebijakan, maupun tindak implementatif;
- d. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a dan huruf b perlu membentuk Peraturan Kelurahan tentang Larangan Membuang Sampah dan Serta Gerakan Pengelolaan Sampah.

Mengingat

1. Undang-Undang Nomor 32 Tahun 2004 Pemerintahan Daerah (Lembaran Negara Republik



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NOMOR : 360/23/X/2015

TENTANG
DALAM PEMBANGUNAN KELURAHAN TANGGUH BENCANA

BISMILLAHIRRAHMANIRRAHIM
DENGAN RAHMAT ALLAH YANG MAHA KUASA
KEPALA KELURAHAN SEMANGGI

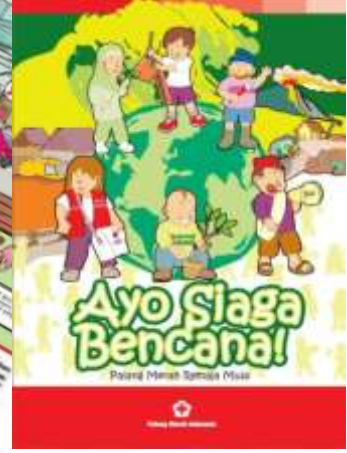
Menimbang

- a. bahwa dalam rangka mewujudkan visi penanggulangan bencana Indonesia, yakni mewujudkan ketangguhan Bangsa dalam Menghadapi Bencana, diperlukan pedoman Kelurahan Tangguh Bencana, diperlukan Pemerintah Kelurahan tentang Pembangunan Kelurahan Tangguh Bencana,
- b. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a, perlu ditetapkan Peraturan

Mengingat

1. Undang-Undang Nomor 32 Tahun 2004 Pemerintahan Daerah (Lembaran Negara Republik Indonesia Tahun 2004 Nomor 125, Tambahan Lembaran Negara Republik Indonesia Nomor 4437) sebagaimana telah diubah beberapa kali, terakhir dengan Undang-Undang Nomor 12 Tahun 2008 tentang Perubahan Kedua atas Undang-Undang Nomor 32 Tahun 2004 tentang Pemerintahan Daerah (Lembaran Negara Republik Indonesia Tahun 2008 Nomor 59, Tambahan Lembaran Negara Republik Indonesia Nomor 4844);

Advocacy, Socialization and Awareness



CONTINGENCY PLAN

Tanggap Darurat Bencana Banjir



Water and Environment Management



Absorption Holes & Biopore



Waste Management

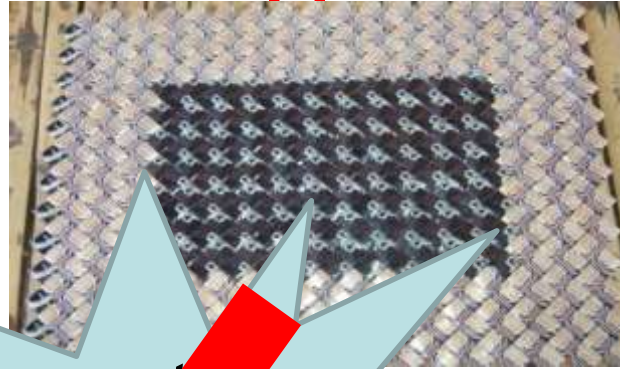


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Livelihood based DRR Measures

Processing of plastic waste into handicrafts and household appliances



Small Scale Structural Mitigation



DRR - Food Security



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Food Security Replanting Shorgum @ NTT



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Livelihood based DRR Measures



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Product from yard plants, such as: syrup, herbs, processed spices etc



Coastal Greenbelt, Green Mitigation

Planting casuarina



Mangrove Greenbelt, Green Mitigation

Planting Mangrove



Water Security



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Pencegaha Erosi dan Sedimentasi dg AKAR WANGI



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Full gr

(Solo)



Planting Sugar Palm for River protection



Lesson Learned

- *Institutional Strengthen*
- *Optimized the Partnership*
- *Integrated With Village Development*
- *Added Economic Value*
- *Solution and Innovation*
- *CBAT existences*
- *Need more legal policy (DRR Law)*





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Terima Kasih