



1st ASIAN RABIES CONTROL NETWORK (ARACON) MEETING

The Sukosol Bangkok, Thailand | 13-14 March 2018

FAO Initiatives to support rabies elimination in Asia and lessons learned

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Sustainable Development Goals 2015-2030



FAO activities on rabies in Asia

- Contribute/review development of SARE tool (June 2016, Bangkok)
- World Rabies Day
- Regional FAO/OIE/WHO Tripartite secretariat = rabies Tripartite priority
- Country specific support (Bali, Flores, Vietnam)



ONE HEALTH

World Rabies Day in Hoa Binh Province in 2014

World Rabies Day in Quang Nam province in 2015



Meeting at central square



Knowledge contest among students



Road-show

Public awareness and education programs (Vietnam)



Educational events at schools



Outreach sessions with dog owners



Educational and Promotional items



Radio spots in ethnic minority languages

Integrated bite case management



Policy and Coordination Workshops



Training of trainer (TOT)



Workshop with traditional healers





Participants from FAO, Ministry of Health, Ministry of Agriculture and Rural Development, Provincial Departments of Agriculture and Rural Development, and Department of Health in Son La, Yen Bai, Phu Tho and Thai Nguyen province

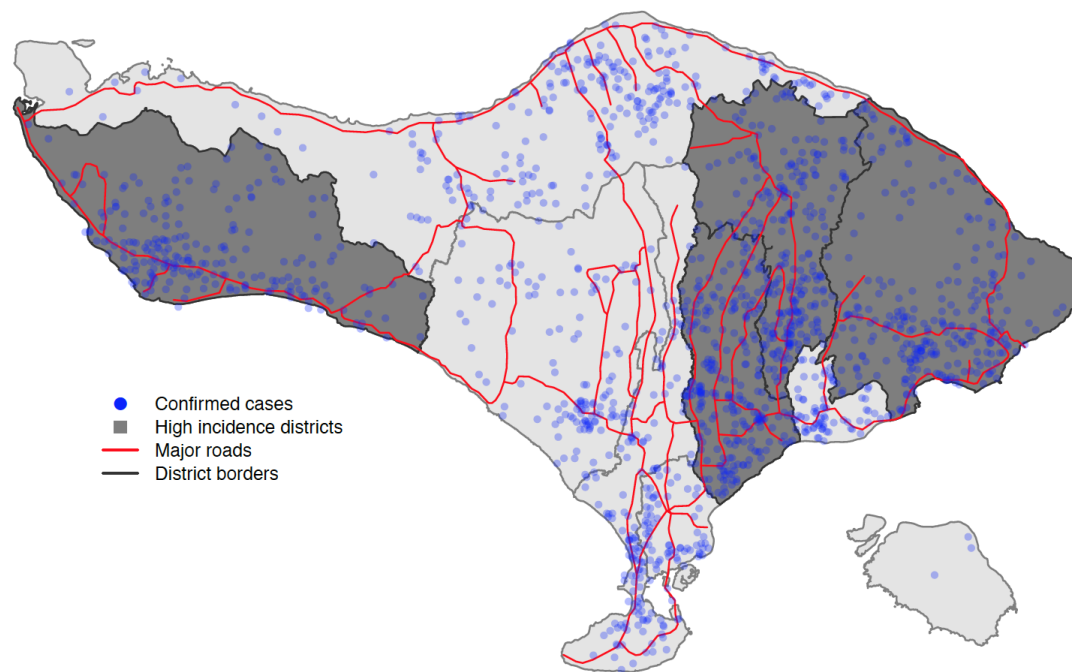


An instructor showing how to capture, vaccinate and mark a dog with a collar

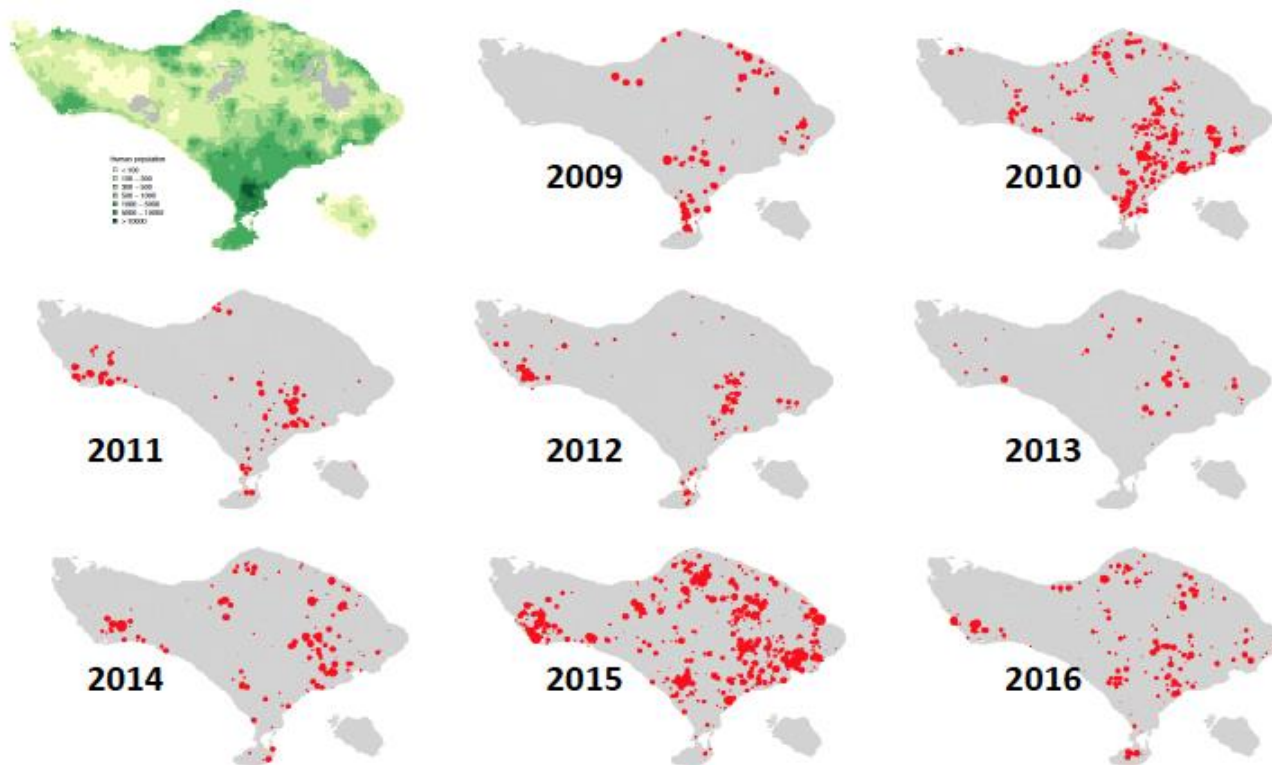
Result rabies vaccination for dogs in Thai Nguyen and Phu Tho provinces

			Vaccines delivered	2013	Vaccines delivered	2014	Vaccines delivered	2015
No	District	Province	No of dogs vaccinated	Rate %	No of dogs vaccinated	Rate %	No of dogs vaccinated	Rate %
1	Pho Yen	Thai Nguyen	27.550/40.764	68	28.000/35.935	70	25.980/35.900	72%
2	Phu Binh	Thai Nguyen	13.852/60.155	23	26.500/41.019	65	27.000/41.000	67%
3	Dong Hy	Thai Nguyen	6.830/30.621	22	15.500/21.286	73	12.600/21.000	60%
	3 districts			38		69		66
4	Lam Thao	Phu Tho	1.560/14.335	12	9.538/13.556	70	5.380/9.706	62%
5	Cam Khe	Phu Tho	2.756/27.642	10	9.684/26.791	36	5.339/7.310	73%
6	Phu Ninh	Phu Tho	5.848/20.468	28	15.042/20.927	72	5.860/15.327	56%
	3 districts			17		60		64

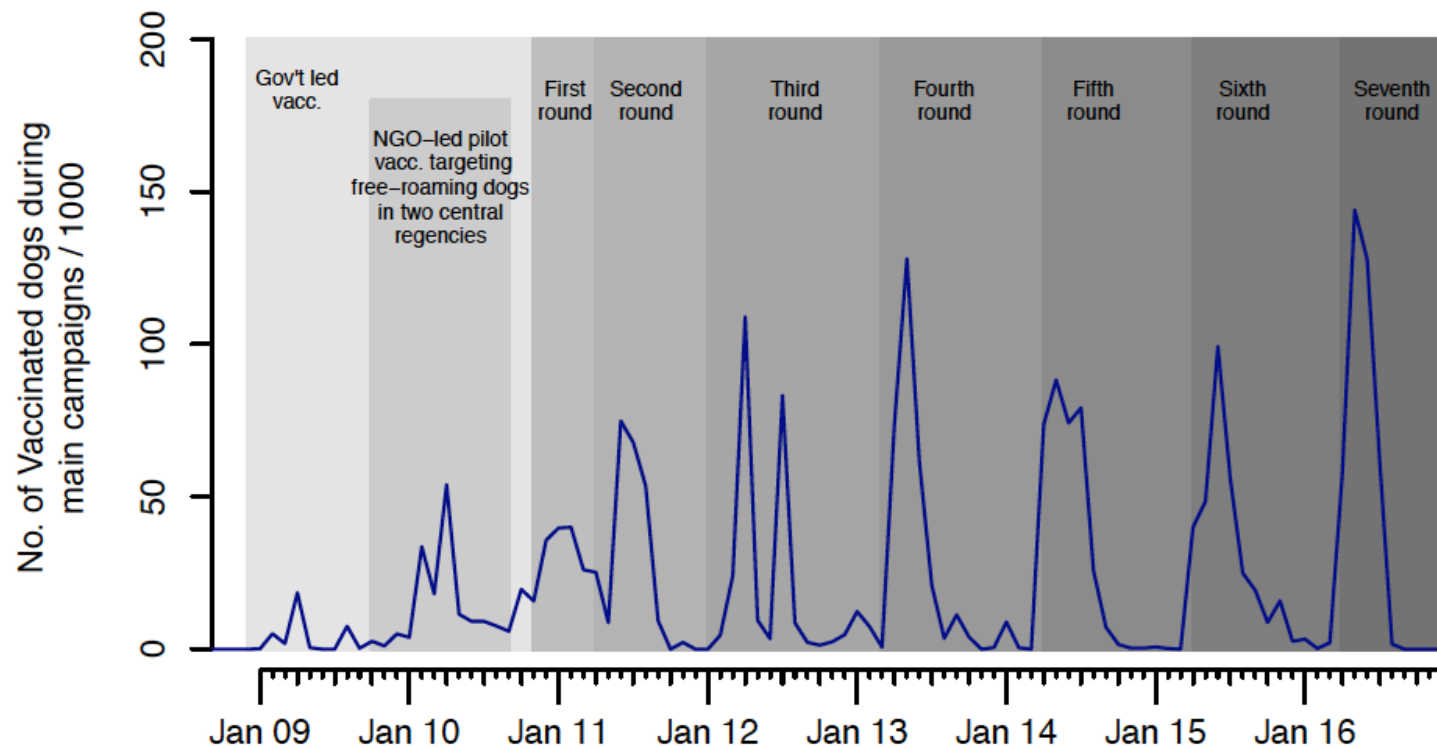
Dog Rabies cases in Bali (2008-2017)



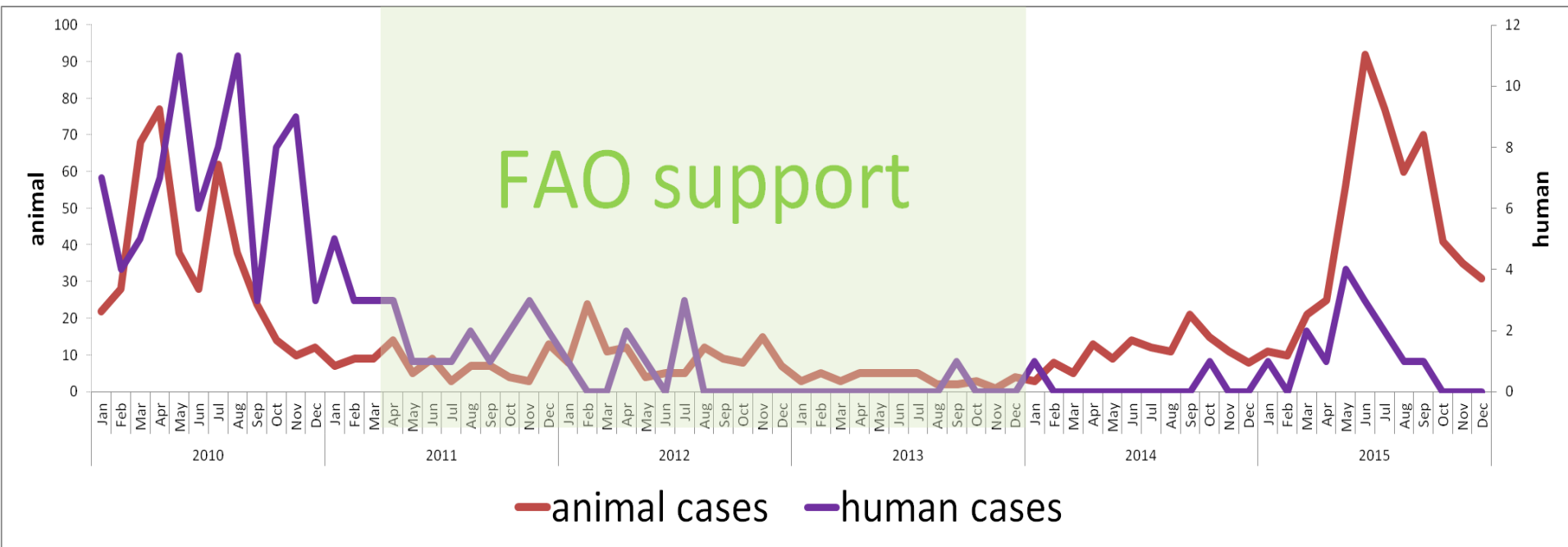
Spatial patterns in the transmission of rabies in relation to population density



Mass dog rabies vaccinations in Bali



FAO support and Rabies control in Bali





Bali rabies control evaluated

- 98% reduction in human cases and a 90% reduction in animal cases from 2010 to 2013
- Incidence of rabies in animals increased in 2014/2015 due to the use of less efficacious vaccine during the 2014 campaign
- This trend was reversed by using **high quality vaccine** during the 2015 campaign followed by targeted vaccination in high incidence districts



A- team development and training



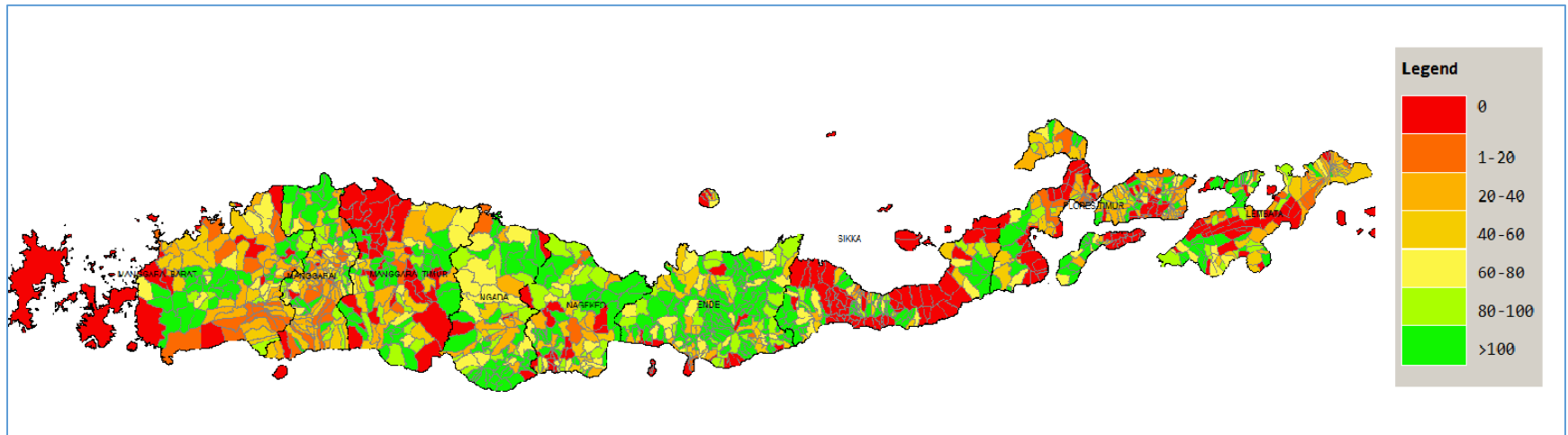


FAO support for Rabies control in Bali

- DGLAHS-FAO TCP (Technical Cooperation Programme) project (2016 - 2017)
- Components
 - Increased A-Team/ targeted vaccination
 - Improved **vaccination coordination**
 - **Dog population management**/ Responsible dog ownership
- **Epidemiological analysis** of Bali rabies control over the years and document lessons learned
- Reinforce rabies **awareness** creation in the community



Map of Flores mass rabies vaccination campaign coverage 2015



Flores/Lembata rabies control

- **FAO/World Animal Protection (WAP) collaborated on rabies control in Flores/Lembata Islands 2013-2016**
- Implementation based on Bali experience
- More than 350 people from Provincial/ District Dinas were trained.
- Round 1 (2014) : 167,500 dogs vaccinated
- Round 2 (2015): 265,000 dogs vaccinated



The most important lesson?

Rabies is a readily controllable
disease

when the **correct strategy** is
used and if there is **long term
commitment**.

Thank you!

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Some dilemmas

- Competing priorities (zoonotic disease priorities)
- Local governments
- Linking dog population management with rabies vaccination to control rabies?
- Awareness and responsible dog ownership
- Quality vaccine
- Access PEP
- Traditional healers and local beliefs

