



## HPV Vaccination Program

Cross-country learning and best practices.

# HPV vaccine cost and procurement – transitioning out of Gavi support and self- procurement

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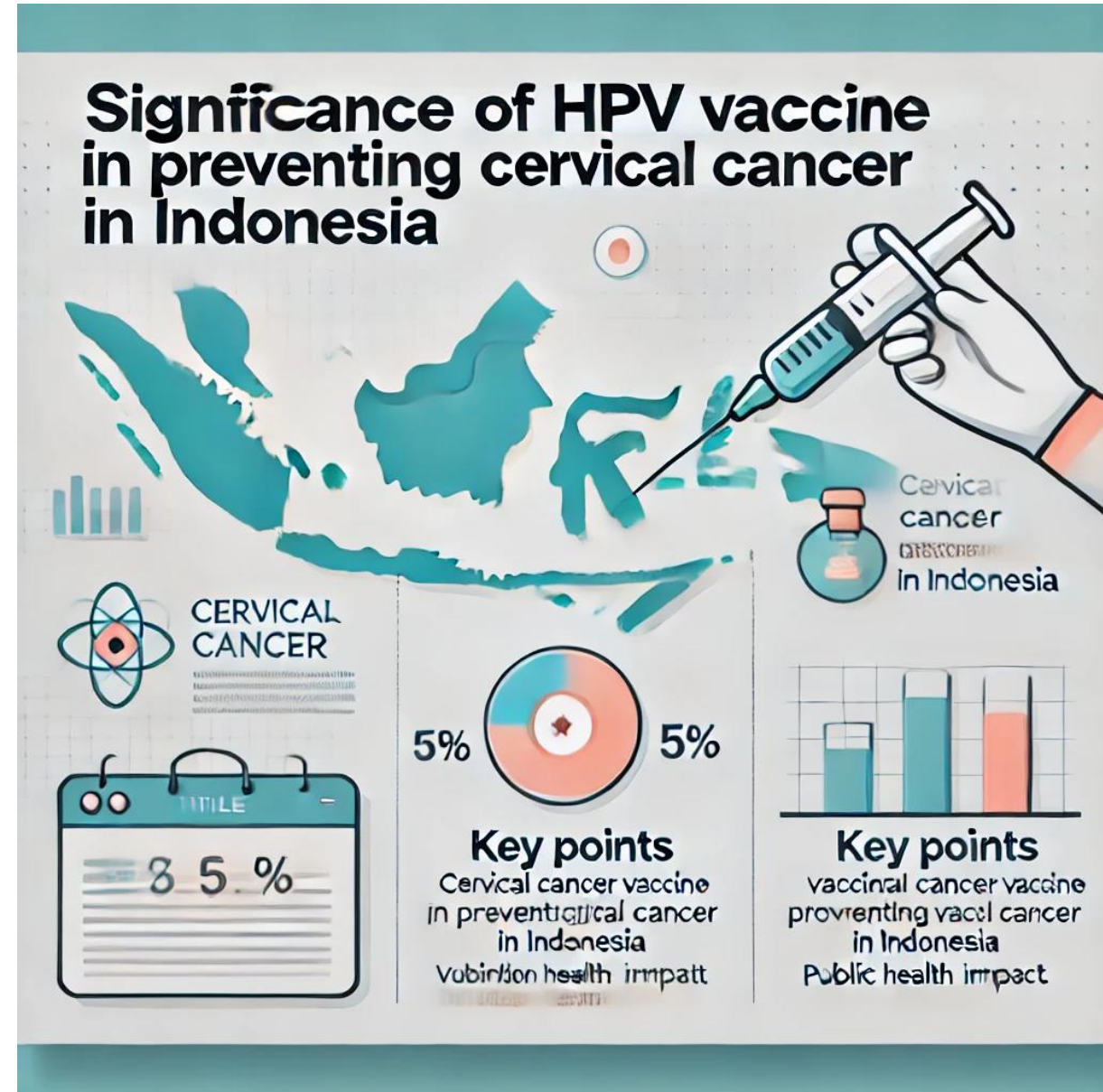
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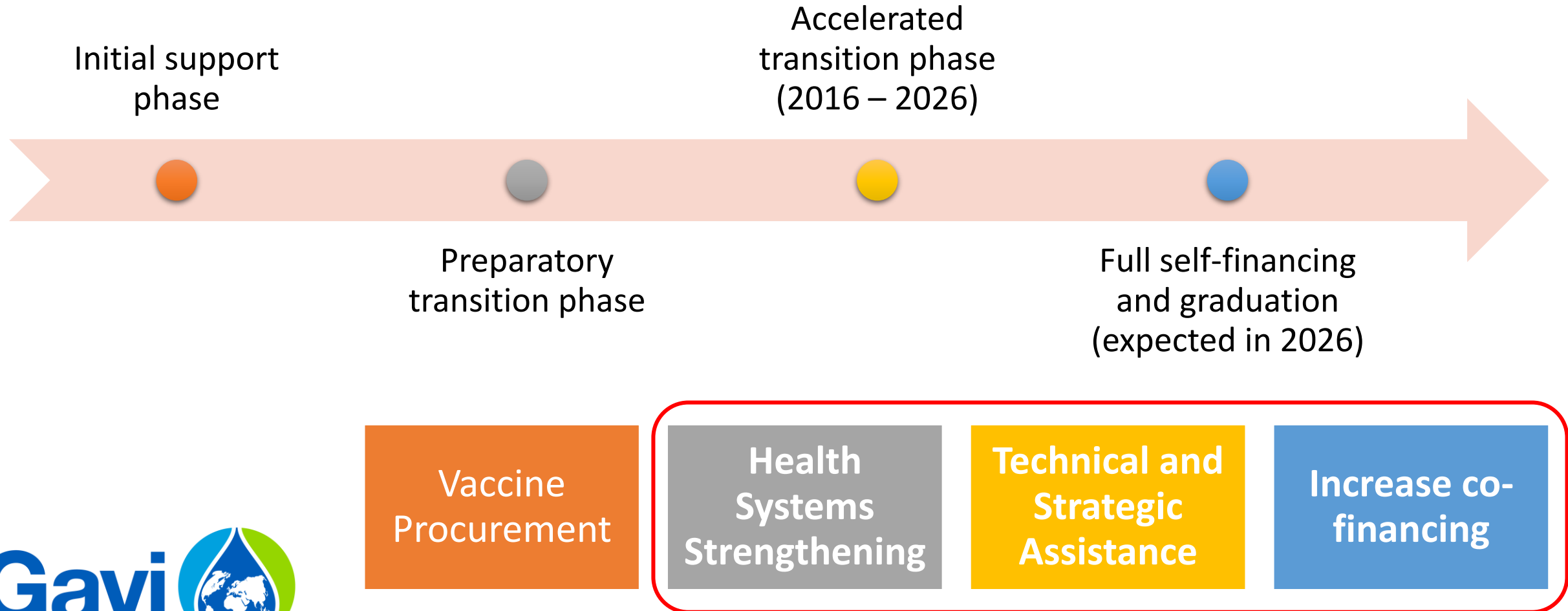
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# Introduction

- HPV types 16 & 18 cause ~ 70% of cervical cancer cases worldwide.
- In Indonesia: 36,000 new cases & 18,000 deaths annually (Globocan 2020).
- Cervical cancer is the 2nd most common cancer among women.
- HPV Vaccine: 90-100% effective in preventing precancerous lesions.
- Vaccination Program: Part of national immunization for pre-adolescent girls (11-12).
- Public Health Impact: Prevents thousands of cases & reduces long-term healthcare costs.



# GAVI support phase (Indonesia)



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# HPV Vaccine cost-structure

**Table 2. The vaccination cost component of HPV vaccine.**

<b>Cost component</b>	<b>GAVI/UNICEF Price*</b>	<b>Government contract price*</b>
Vaccine price	4.50	11.62
Shipping cost	0.16	0.00
Handling fee	0.41	
Insurance	0.23	

\*Vaccine price using Gardasil<sup>®</sup> price for the budget impact analysis.

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<https://doi.org/10.1371/journal.pone.0230359.t002>

# Procurement Strategies Post-Gavi



- **Technology Transfer and Local Production**
  - Training, facility upgrades, regulatory compliance, and eventual large-scale local production for the national immunization program.
- **Challenges in Self-Procurement**
  - Ensuring consistent supply
  - Concern: maintaining quality and budget



# HPV Vaccination policy in Indonesia

Years of Implementation	2019	2020	2021	2022	2023	2024
<b>Scenario 1 (Two districts per year)</b>	DKI Jakarta (p) Surabaya Makassar Manado Gn Kidul Kulon Progo Bantul* Sleman* Yogyakarta*	DKI Jakarta (p) Surabaya Makassar Manado DIY (p) Karanganyar* Sukoharjo*	DKI Jakarta (p) Surabaya Makassar Manado DIY (p) Karanganyar Sukoharjo Kediri* Lamongan*	DKI Jakarta (p) Surabaya Makassar Manado DIY (p) Karanganyar Sukoharjo Kediri Lamongan Batam* Tj Pinang*	DKI Jakarta (p) Surabaya Makassar Manado DIY (p) Karanganyar Sukoharjo Kediri Lamongan Batam Tj Pinang Jambi* Muara Jambi*	DKI Jakarta (p) Surabaya Makassar Manado DIY (p) Karanganyar Sukoharjo Kediri Lamongan Batam Tj Pinang Jambi Muara Jambi Banjarbaru* Banjarmasin*





# Health Minister announce the Nationwide vaccination program including HPV (2022)

## Menkes Budi Targetkan Vaksin Kanker Serviks Sasar Seluruh Daerah pada 2023

Target vaksin HPV untuk cegah kanker serviks menasar seluruh daerah pada 2023.



Fitri Haryanti Harsono

Diperbarui 22 Apr 2022, 14:00 WIB



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# HPV Vaccination policy in Indonesia

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# cMYP 2020 - 2024

## The cMYP 2020 – 2024

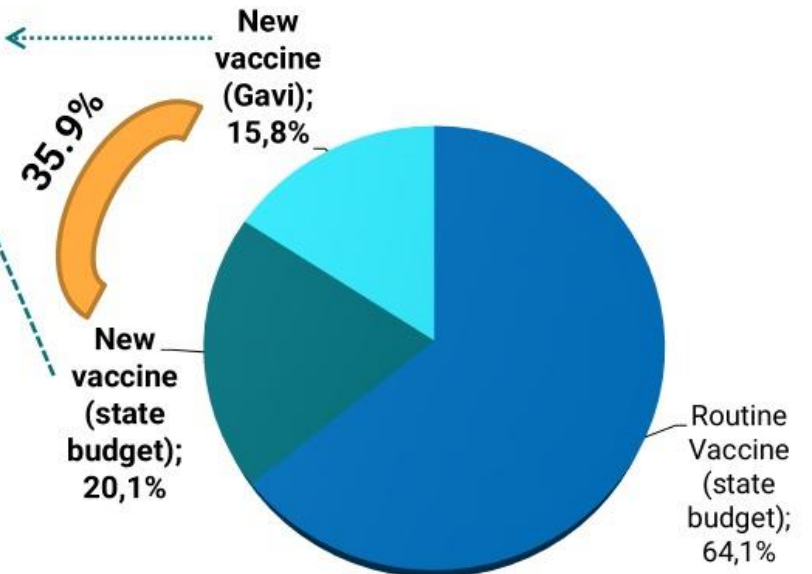
Projection cost for new vaccines is **70.5%** of total vaccine cost in 2024

- 42.6% for HPV
- 14.8% for PCV
- 13.1% for Rotavirus



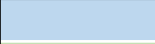



The Central Government  
responsible for the provision of vaccines  
(MoH Decree No. 12/2017)

## Expenditure for total vaccines cost 2017-2021



# HPV Vaccination Roadmap

Tahun	2023	2024	2025	2026	2027	2028	2029	2030
Coverage					90%			
Umur (thn)	1	2	3	4	5	6	7	8
	2	3	4	5	6	7	8	9
	3	4	5	6	7	8	9	10
	4	5	6	7	8	9	10	11
	5	6	7	8	9	10	11	12
	6	7	8	9	10	11	12	13
	7	8	9	10	11	12	13	14
	8	9	10	11	12	13	14	15
	9	10	11	12	13	14	15	16
	10	11	12	13	14	15	16	17
	11	12	13	14	15	16	17	18
	12	13	14	15	16	17	18	19
	13	14	15	16	17	18	19	20
	14	15	16	17	18	19	20	21
	15	16	17	18	19	20	21	22
	16	17	18	19	20	21	22	23
	17	18	19	20	21	22	23	24

	2nd dose for target population in the pilot area
	Primary target group
	Secondary target group
	Missed the opportunity (catching up)



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# Discussion

- HPV vaccine price
- ITAGI plays important role on Vaccination policy In Indonesia.
  - Open recommendation for all types of HPV vaccines
  - Single dose has been recommended
- Strong political will is substantial in Indonesia.
  - Nationwide implementation
  - Additional budget for HPV vaccine
- Some uncertainty
  - Secure budget??