



**COORDINATING MINISTRY FOR MARITIME AND INVESTMENT AFFAIRS  
REPUBLIC OF INDONESIA**

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# Indonesia's Economic Recovery from COVID-19

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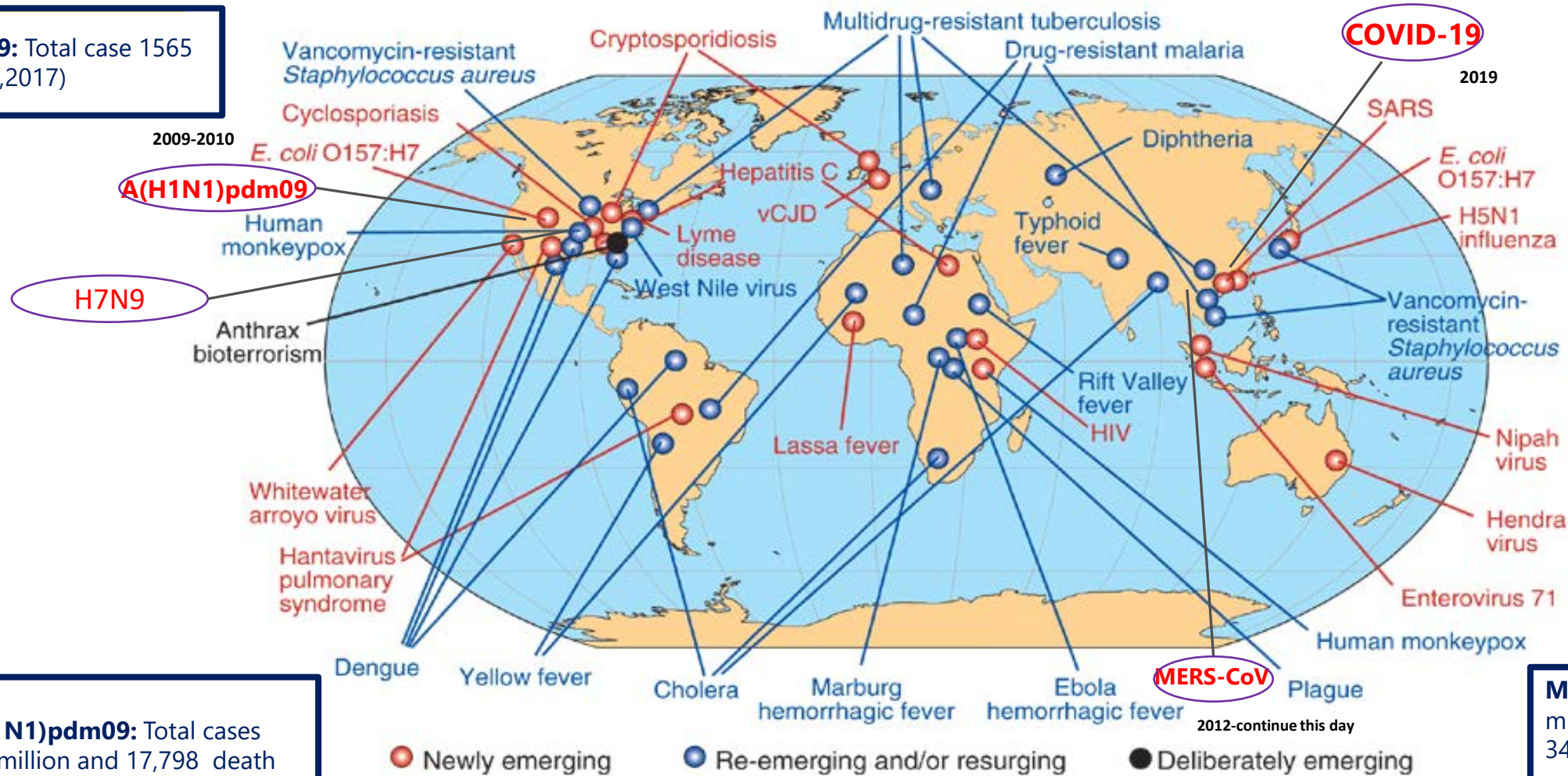
May 2020



## In The Past 16 Years, There Are 4 New Infectious Diseases

**H7N9:** Total case 1565  
(CDC,2017)

**COVID-19:** 5 May 2020,  
total of 3,435,894 cases  
and 239,604 death



**A(H1N1)pdm09:** Total cases  
60.8 million and 17,798 death

**MERS-CoV:** Total cases 2,494  
million and 858 death (CFR  
34.4%) (WHO,2019)

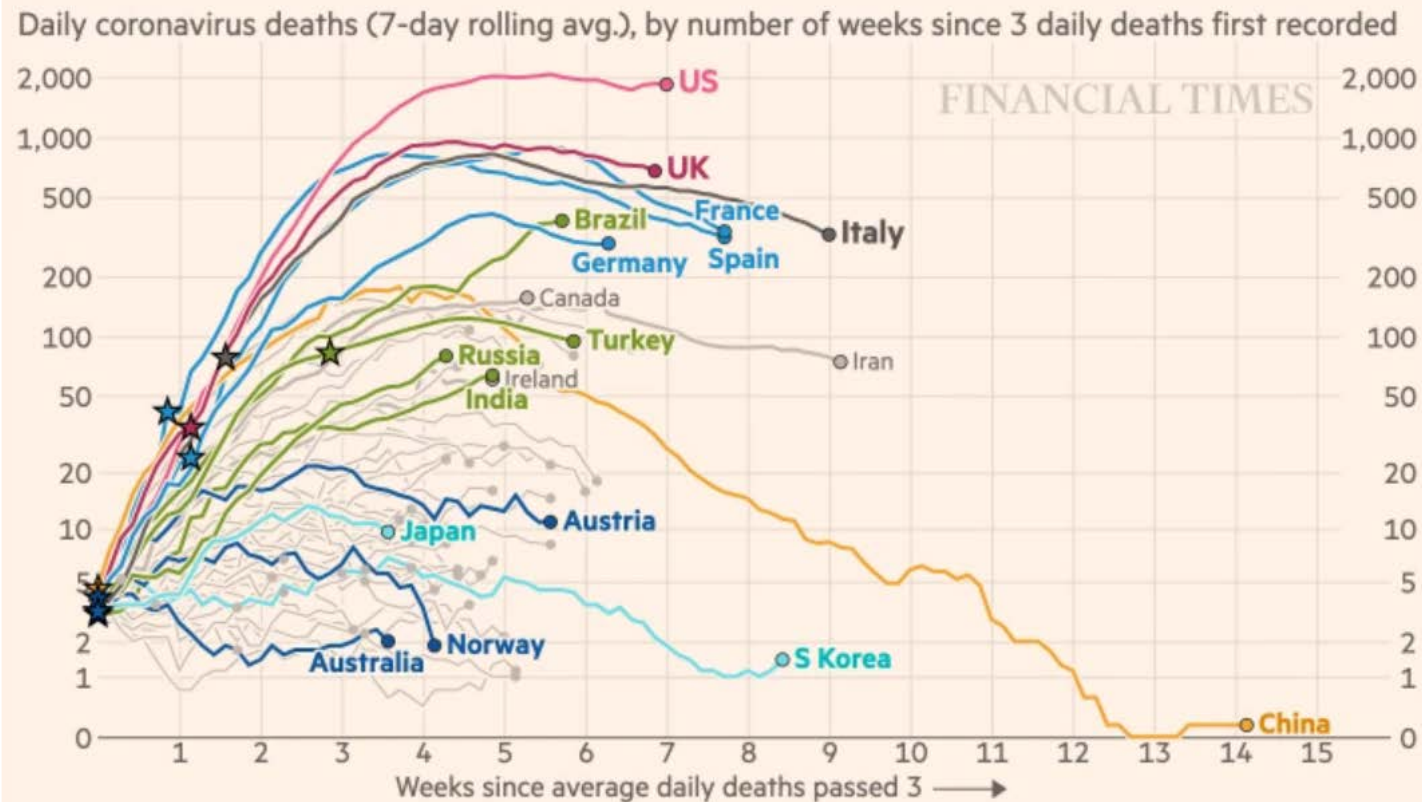
Figure Source : Emerging & Re-Emerging Infectious Disease Challenges. Nature 430: 242-49 (Morenz. DM et al, 2004)

**IN 16 YEARS THERE ARE 4 NEW INFECTIOUS DISEASES:  
A(H1N1)PDM09, H7N9, MERS-COV, COVID-19**



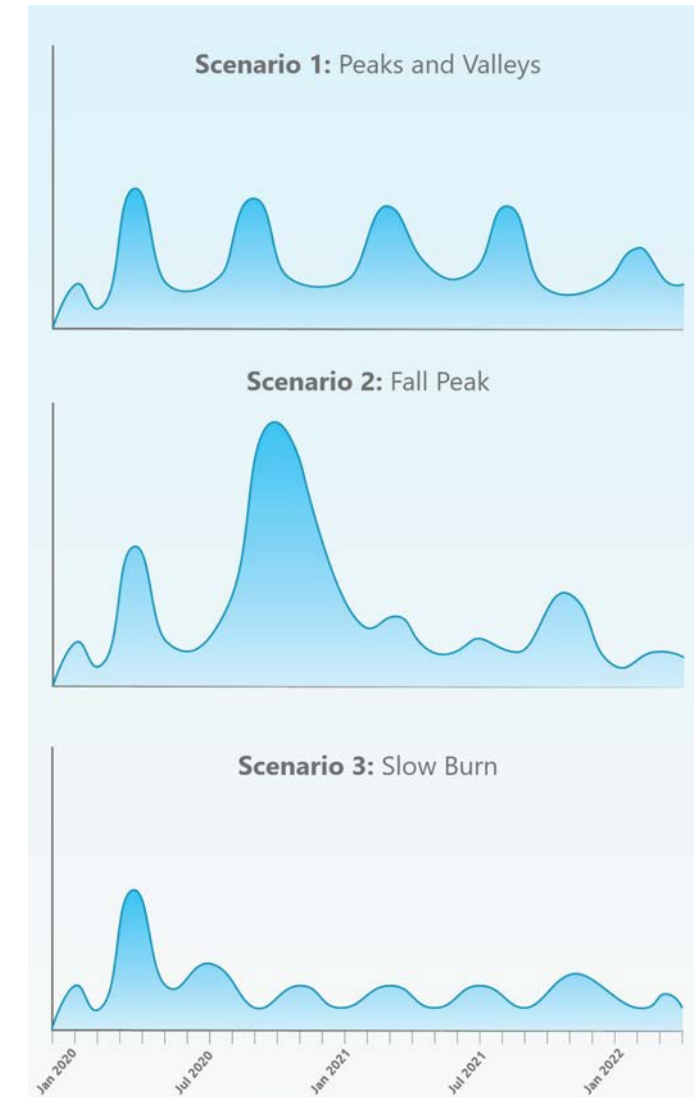
# The Curve is Flattening, But Following Waves Are Likely in The Winter

## Daily death tolls are now at their peak or falling in many western countries



**Curve starting to flatten** in a lot of countries. However, there are new hotspots and researches showing **plausible following waves**.

## Possible Scenarios

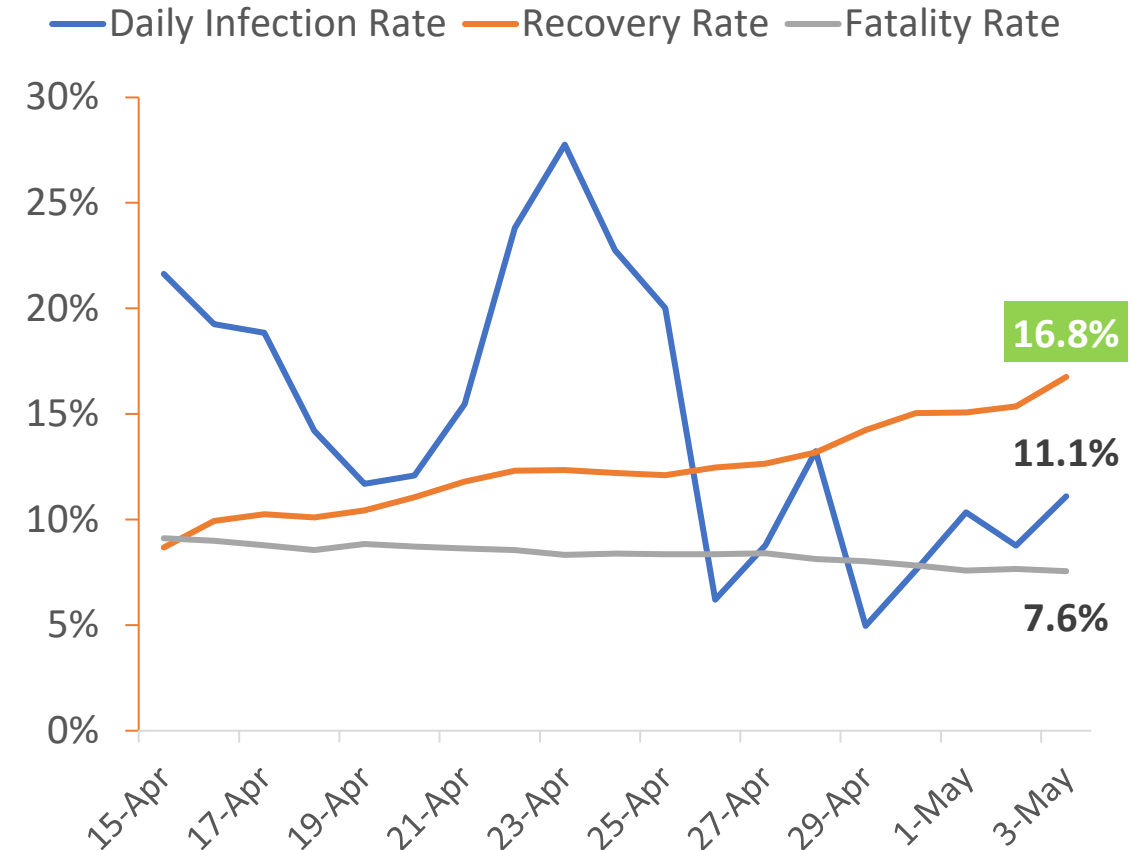
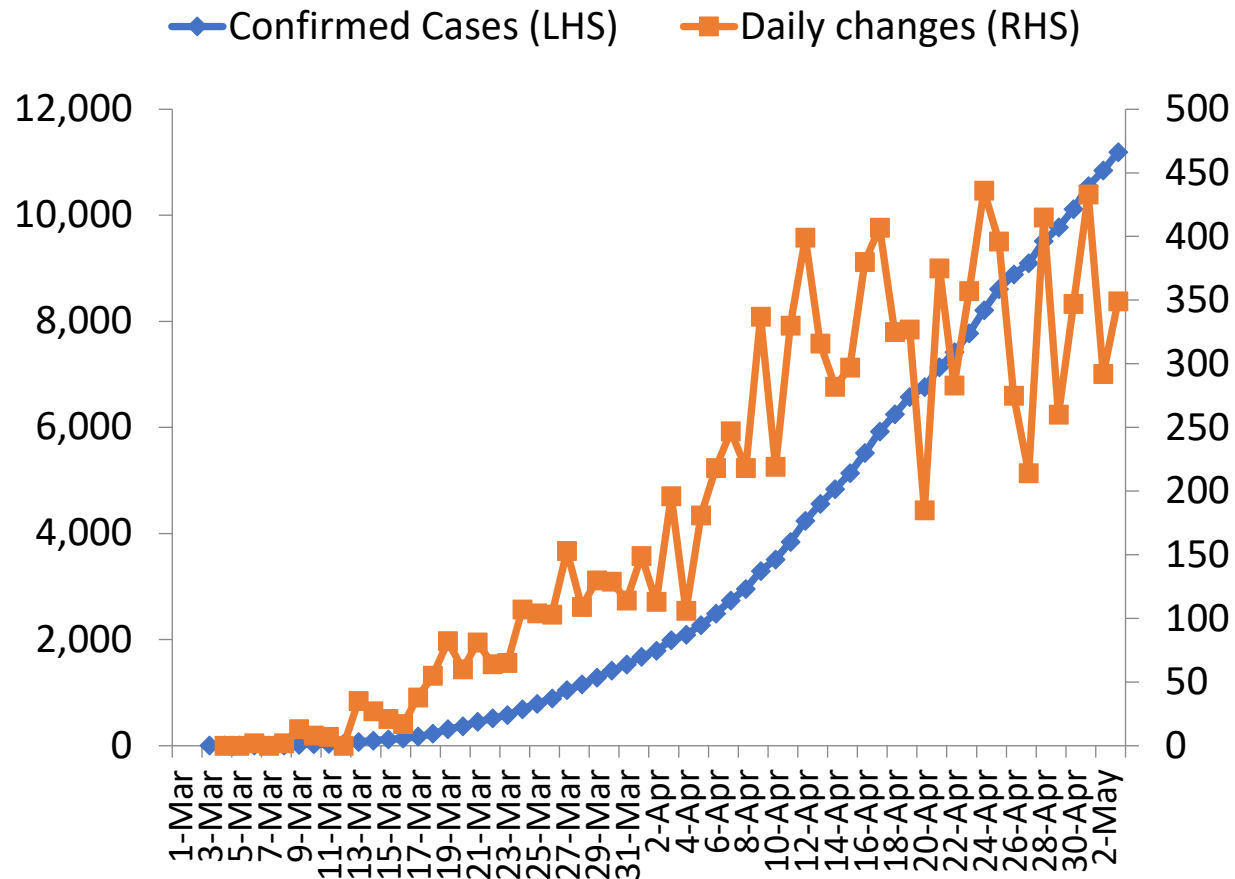






## Indonesia Case Still Increasing, However Recovery Rate Is Increasing

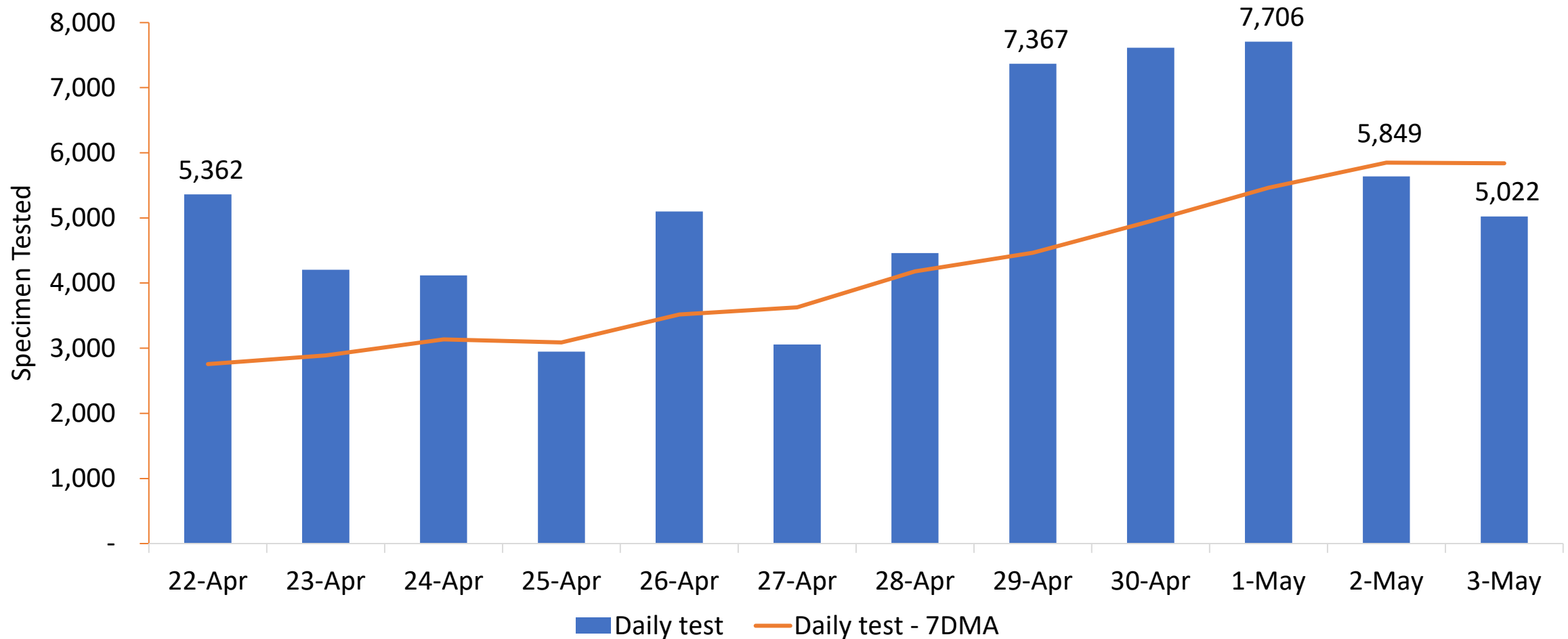
- **Daily case growth keeps declining.** Since 25<sup>th</sup> April, daily new cases are around **214-455**, despite of the increase of average daily tests to 5,800 from < 2,000 in the previous weeks.
- Per May 3<sup>rd</sup> Case touches **11,192 patients**, with **fatality rate at 7.6%** and **recovery rate 16,8%**





# Indonesia Has Increased Its Testing Capacity to 5,800 Specimen Tests Per Day

## Daily Testing Capacity 22<sup>nd</sup> April – 3<sup>rd</sup> May 2020



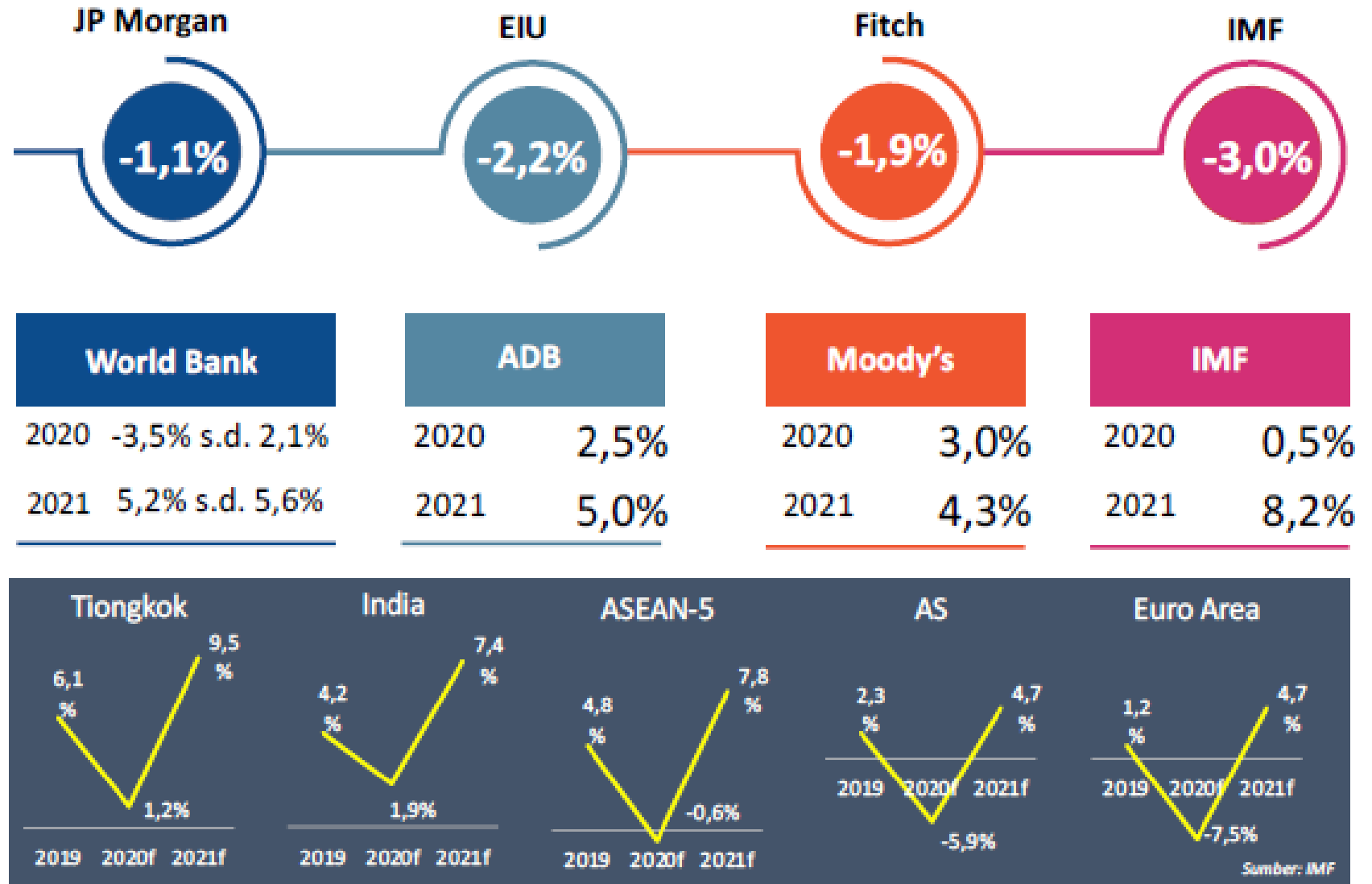


# Global Economy Will Experience Deep Contraction In 2020

Projected global economic **growth** in 2020 will be contracted. The level of high uncertainty show that **there is the downside of the projection.**

Several institutions indicate **the divergence in the middle of uncertainty for Indonesian Economic**

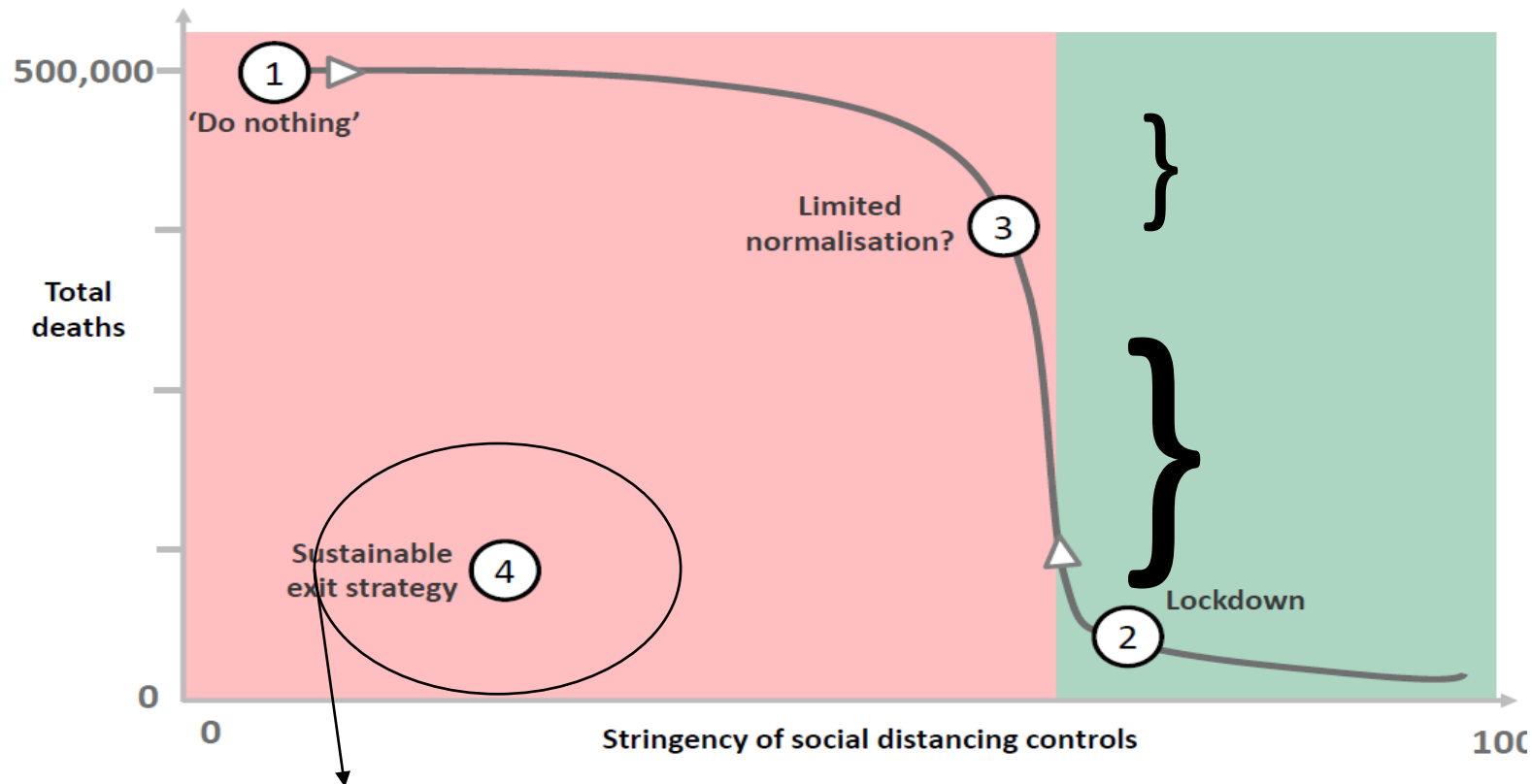
Wide range of economic recession will affect Indonesia's main trading partners





## Trade Off: Costly Lockdown vs Unsafe 'Do Nothing'

Without vaccine, **strict lockdown is the only way to significantly reduce death toll**. However, prolonged lockdown induce costs such as: **economic shrinkage, unemployment, disruption in supply chain**.










A sustainable exit strategy would **minimize risk to public health**

- From the graph, **distance between doing nothing (1) and limited normalization (3) is significantly lower** compared to (2) and (3)
- In general, **vaccine need decades to be distributed** to the general public. **Even with fast track, it will need at least 1 year.**



## COVID-19 Focus at this Moment

	Curative	Preventive & Promotive
Health Effort	 <ol style="list-style-type: none"><li>1. 65 Lab to test COVID-19</li><li>2. 2.889 Hospital to handle COVID-19</li><li>3. Building emergency hospital on several location</li></ol>	 <ul style="list-style-type: none"><li>- To promote health protocol in social media and mass media</li><li>- Localized effort in the neighborhood and regional government</li></ul>
Funding	 <ol style="list-style-type: none"><li>1. Allocated budget from central government are IDR 405,1 Trillion for social, industry, and economic recovery</li><li>2. Allocated regional budget for local healthcare, contain economic impact, and providing local safety net</li></ol>	 Allocated promotion budget of Ministry of Healthcare
Preventive effort	 Protective suit, mask, RDT, RT PCR, medicine (Mechine dan Reagen)	 <ul style="list-style-type: none"><li>- Active surveillances regarding healthcare status, social condition, and economic condition</li><li>- Public healthcare effort (environment, nutrition, and psychology)</li></ul>
	 <b>Expensive, Technology Intensive, and Fast</b>	<b>Cost effective, Efficient, and Continues</b>



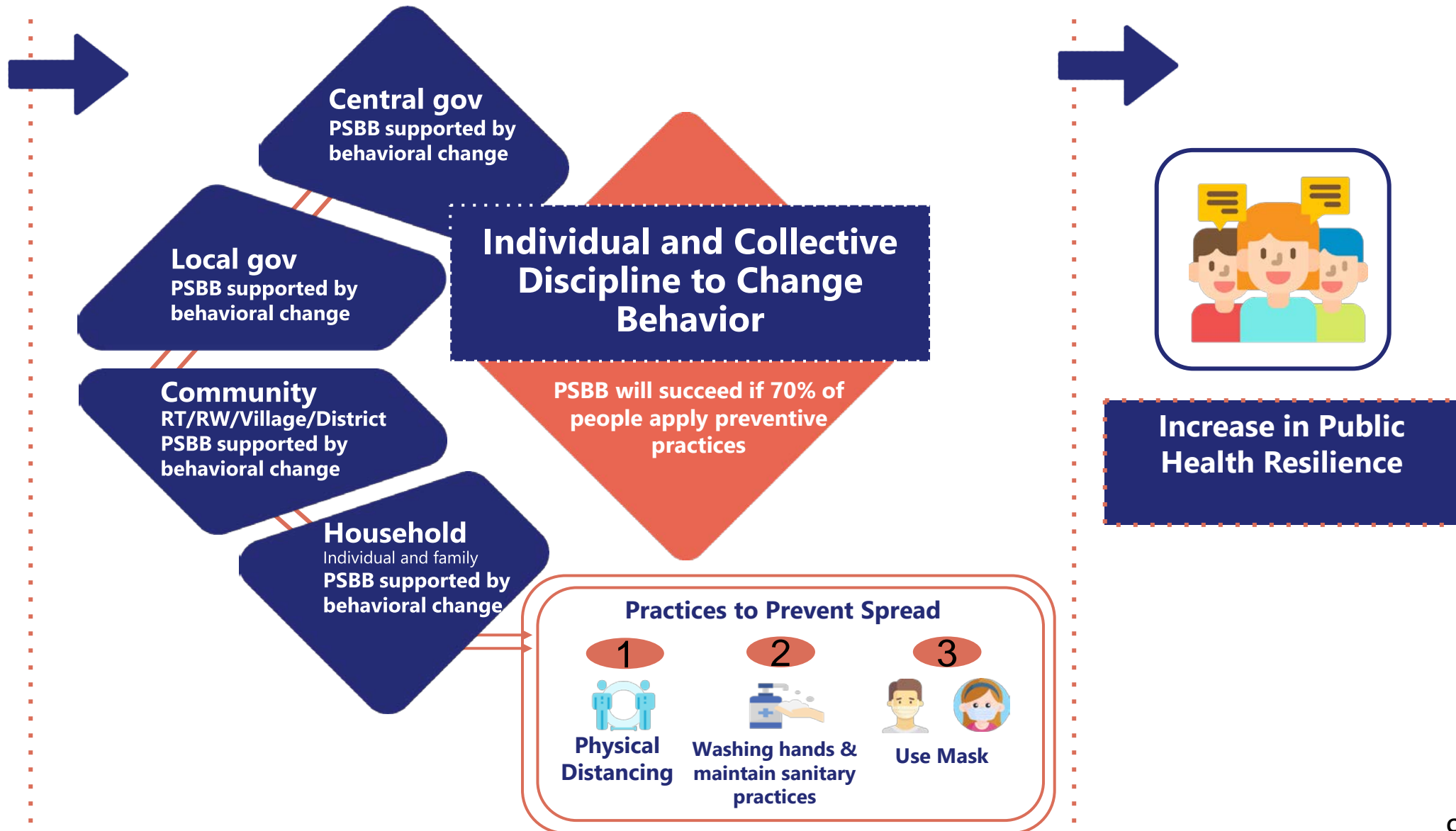
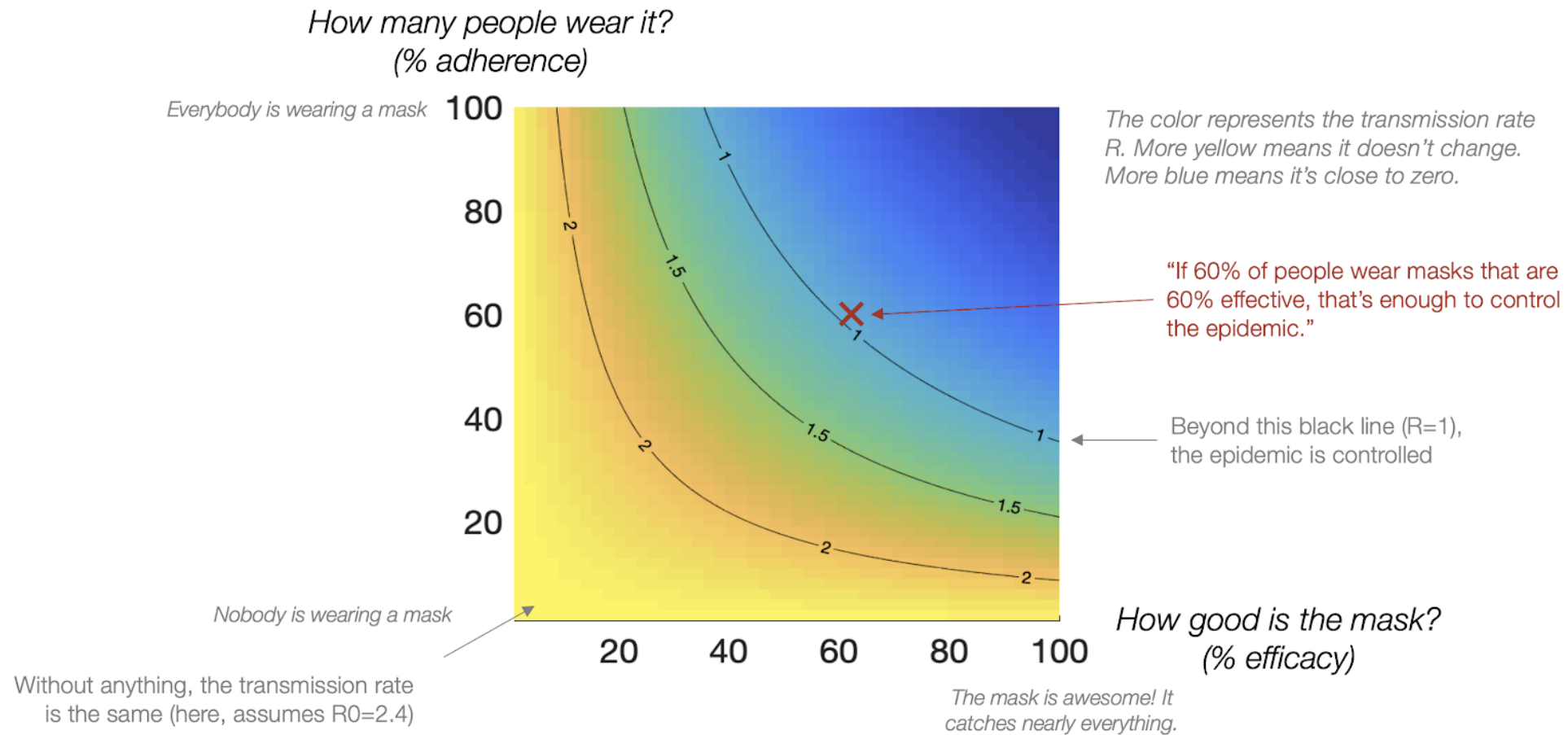
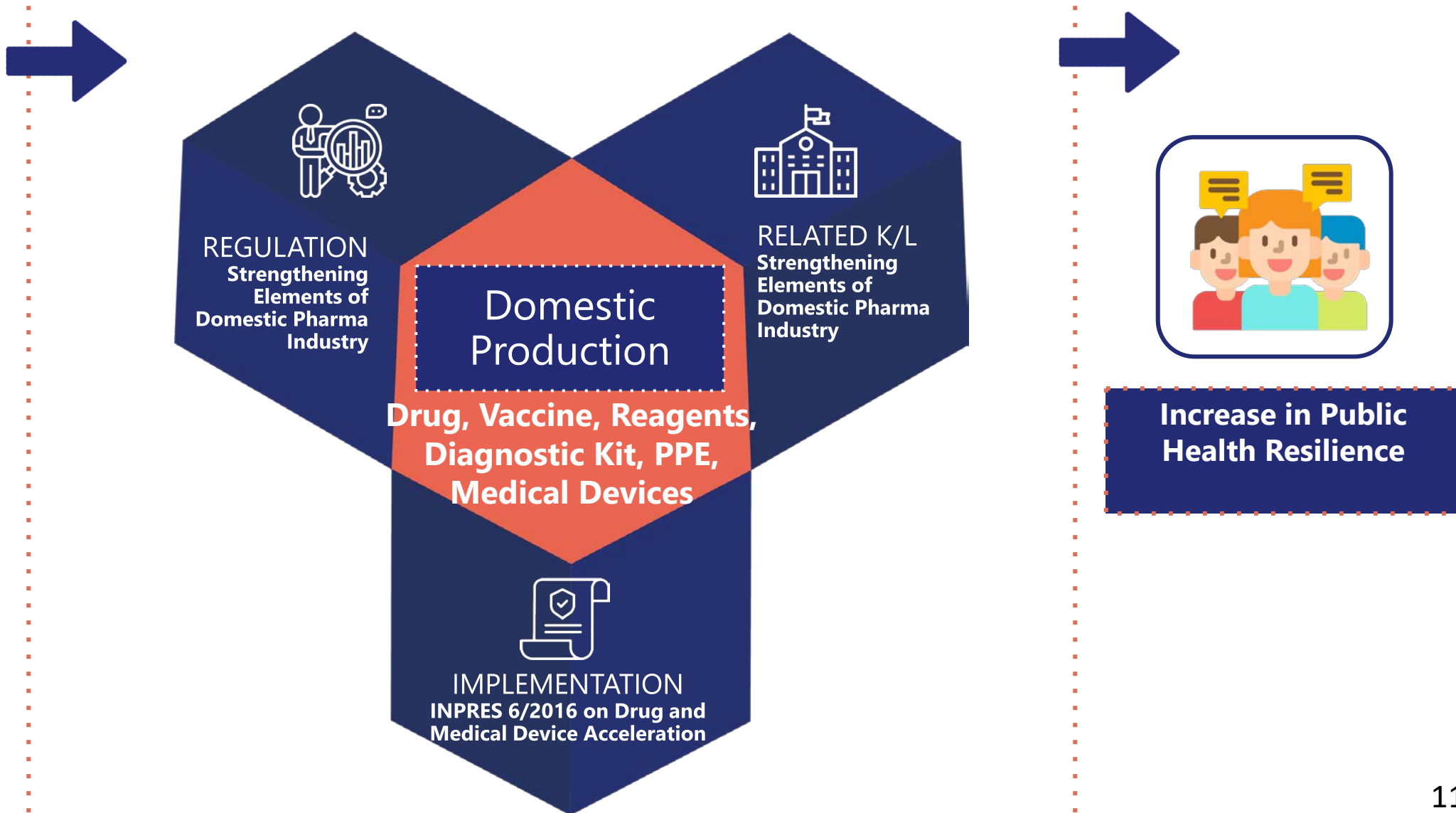




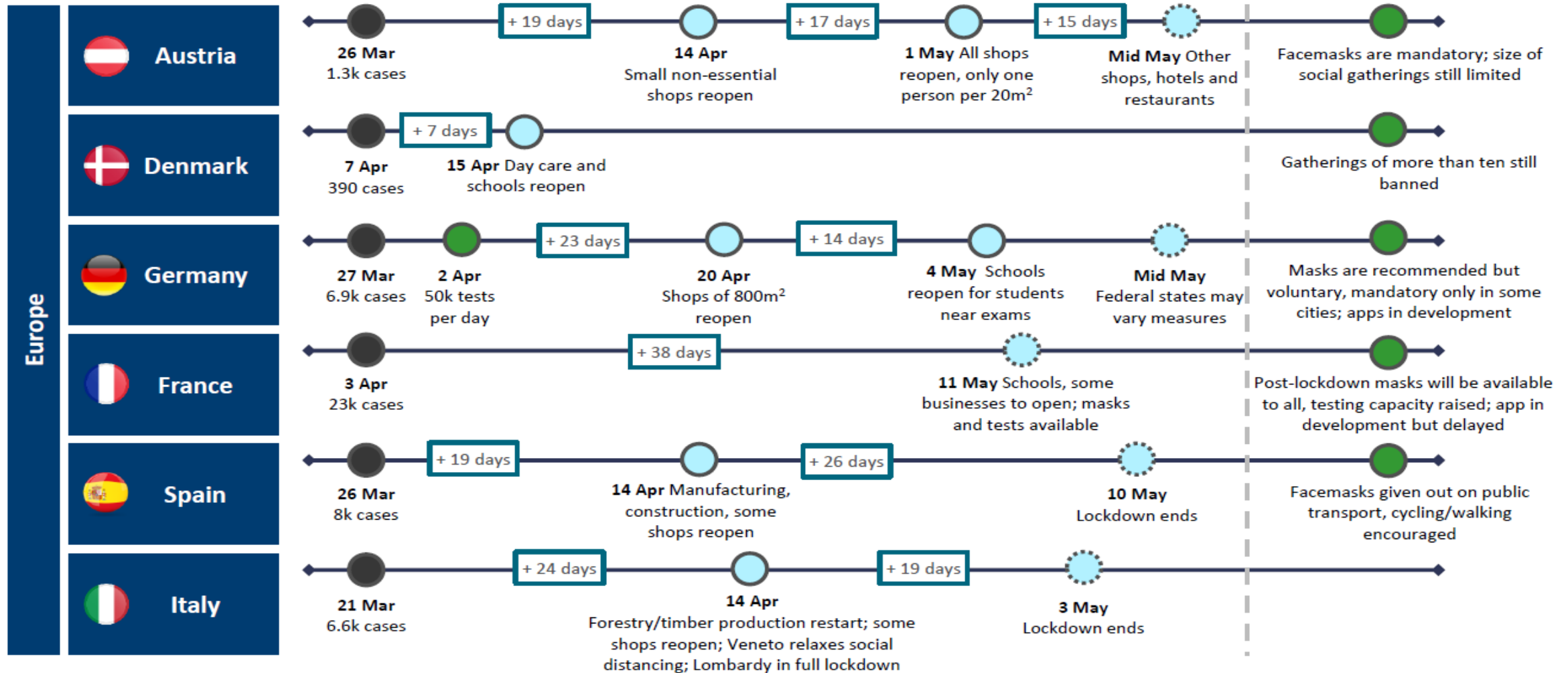
Chart 16: How Much Can We Reduce the Transmission Rate with Masks?







# European Countries Start To Announce Re-Opening Their Economy



Besides European countries, other countries such as VietNam and US also announce exit from lockdown. For the case of US, each state may exit on their own timeline.





## Germany Opens After Peak, but Not Fully Zero Case

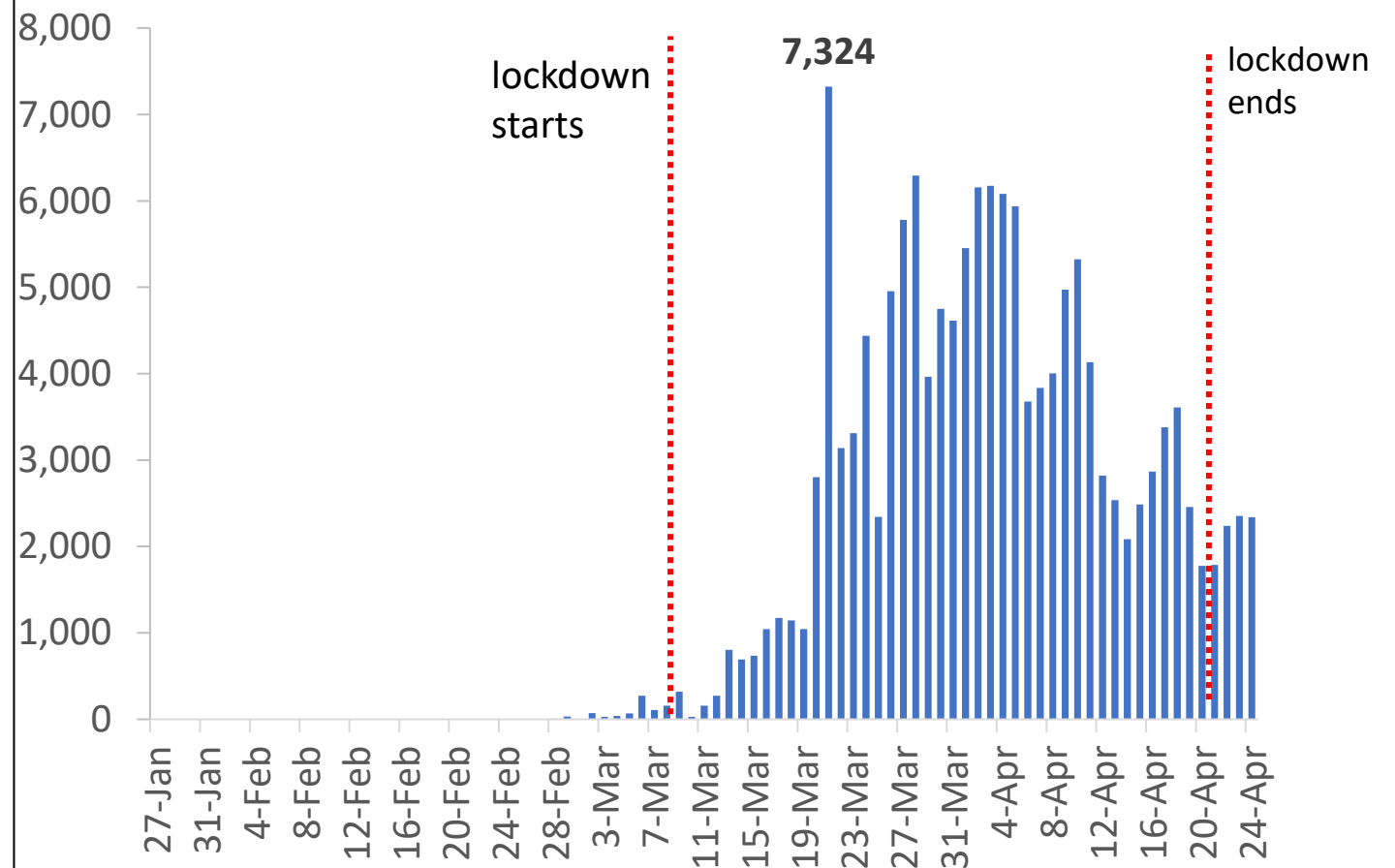
### Lockdown

- Starts: 17 Mar
- Ends (gradual opening): 20 Apr
- Duration: 34 days

### Exit:

- Announcement: 15 April
- Statistics during announcement:
  - Tests: 1,7mn (21th/mn people)
  - Cases: 128k (Infection rate: 7,4%)
  - Death: 3,2k (CFR:2,6%)
- Opening requirement:
  - Health protocol (mask, physical distance stay intact)
  - **R0 below 1.1 (with this level of R0, ICU will have full capacity in October)**

Number of Daily New Case: Germany





## BEFORE EXIT

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- Have **necessary pre condition**: massive testing & tracing and centralized quarantine.
- Exit **decision** is **not** based on a **predetermined set date**, but based on **measurable threshold indicators** (e.g. reduce in new case, reduce in PDP, reduce in infection rate, increase in recovery rate).

## EXIT STRATEGY

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- Open in **3 phases**, every region (province, regency) is treated differently according to its pandemic curve stage.
- Ensure **that habit and health protocol** that had been applied during PSBB is **maintained** (e.g. using physical distancing, hand washing).
- **Coordinate with local government** to ensure readiness of their region and maintain a good and clear communication with local people.

## REVIEW OF STRATEGY IMPLEMENTATION

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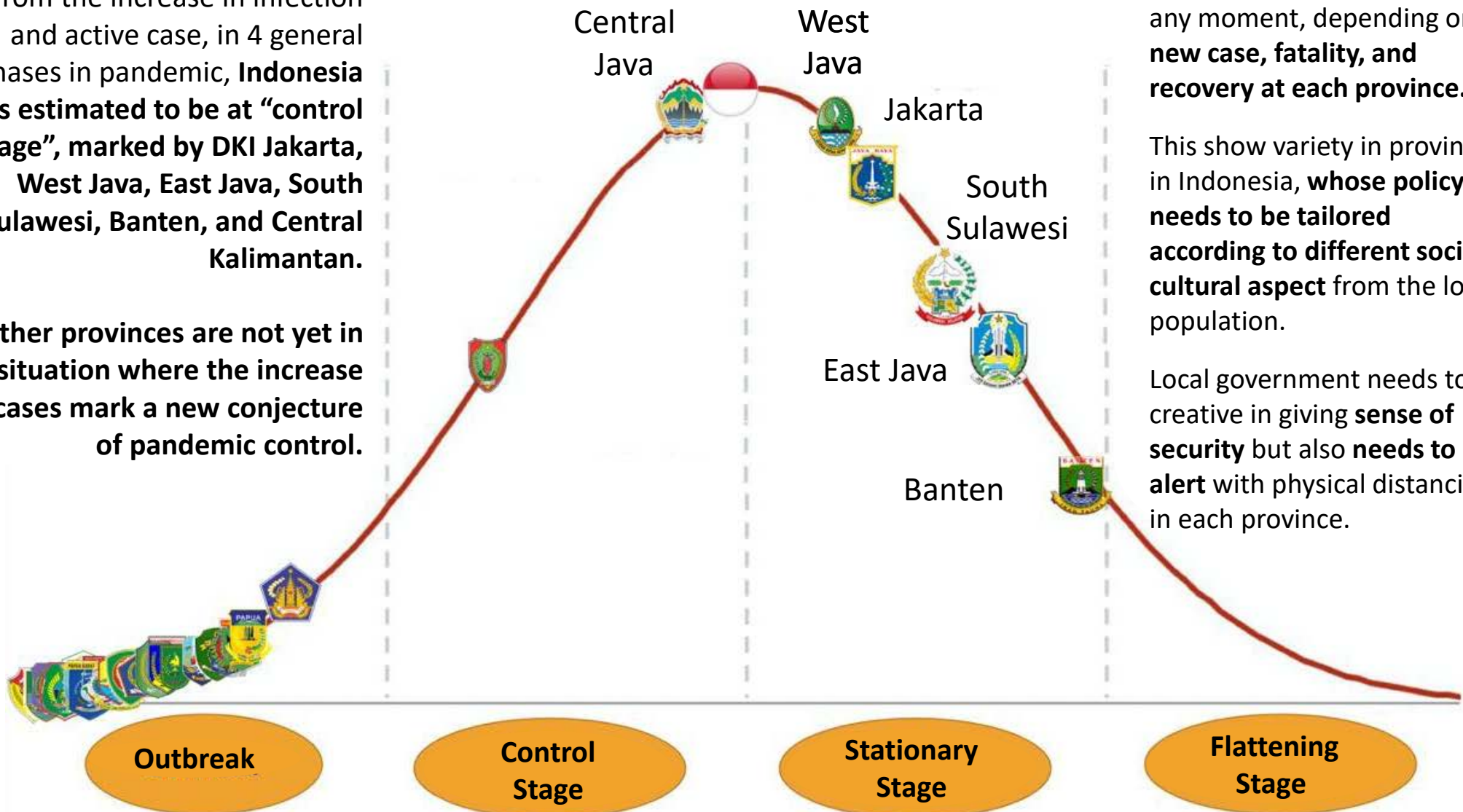
**Exit strategy** has to be reviewed periodically. If case began to increase with previous rate, or people ignore health protocol, PSBB/lockdown will be applied again.



## The Difference in Stages Must be Taken into Account

From the increase in infection and active case, in 4 general phases in pandemic, **Indonesia is estimated to be at “control stage”**, marked by DKI Jakarta, West Java, East Java, South Sulawesi, Banten, and Central Kalimantan.

Other provinces are not yet in a situation where the increase in cases mark a new conjecture of pandemic control.



This position **can change** at any moment, depending on **new case, fatality, and recovery** at each province.

This show variety in provinces in Indonesia, **whose policy needs to be tailored according to different socio-cultural aspect** from the local population.

Local government needs to be creative in giving **sense of security** but also **needs to be alert** with physical distancing in each province.



## Conclusion

1. **Daily new case growth is declining with new cases below 400 cases per day**, despite of significant increase in testing capacity.
2. Data points indicate that some of the cities in Indonesia is in the Control stage: Central Kalimantan, Central Java, West Java, **Jakarta**.
3. Meanwhile, cities such **South Sulawesi, East Java, and Banten** is going toward **Flattening Stage**.
4. There are cities that we would like **to prevent to enter Controlling Stage, such as Bali**.
5. Hence, **cooperation between the Government and the People to conduct health protocol** will greatly increase health resilience and **reduce the infection rate**.
6. Exit strategy needs to be **implemented carefully in stages, with meticulous periodical review**. **Health protocol will be maintained.**



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Thank you

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