

Epidemic phases



Four transmission scenarios are observed:

- Countries with no cases (no cases);
- Countries with one or more cases, imported or locally acquired (sporadic cases);

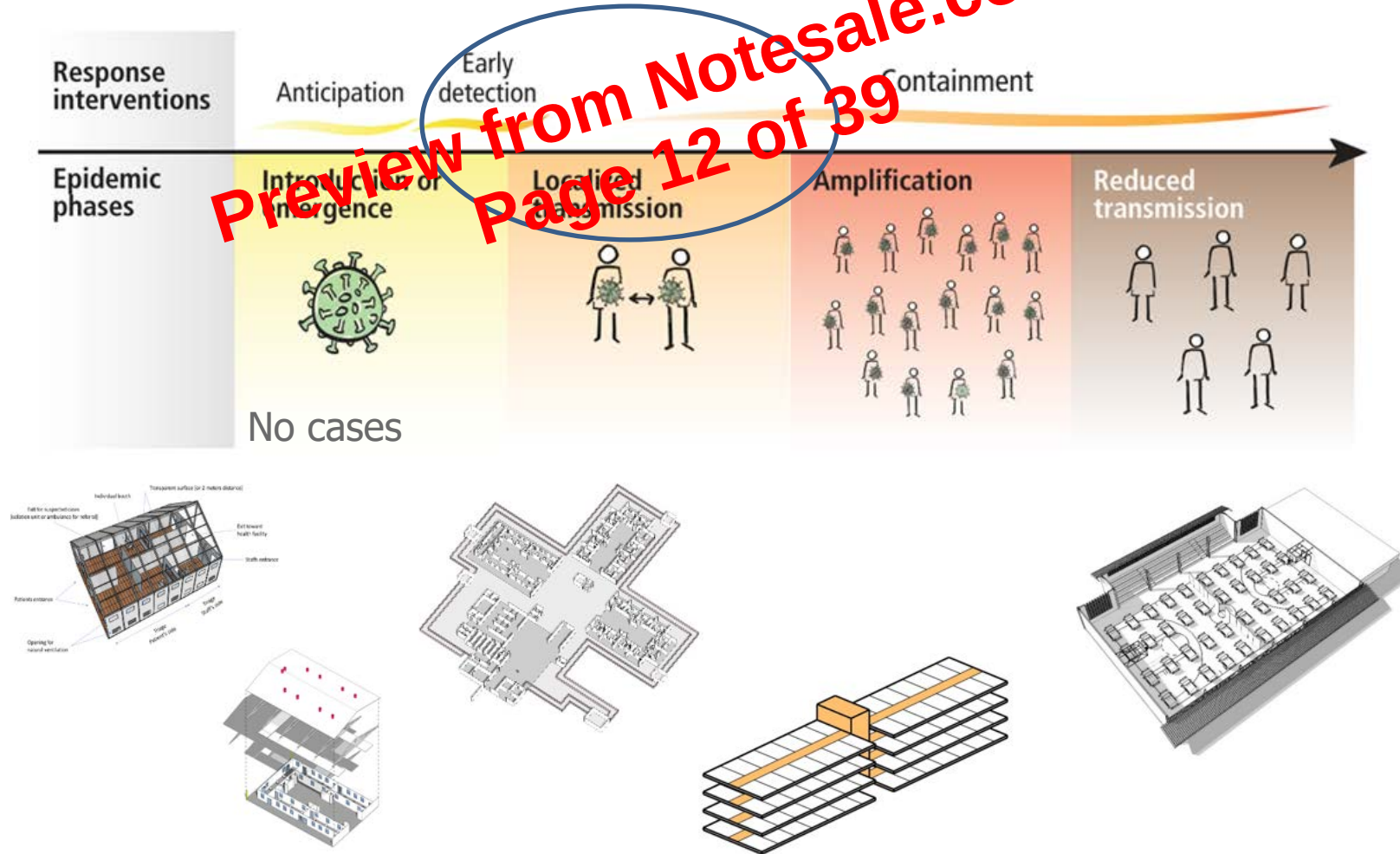
Epidemic phases



Four transmission scenarios are observed:

- Countries with no cases (no cases);
- Countries with one or more cases, imported or locally acquired (sporadic cases);
- Countries experiencing clusters of cases in time, geographic location, or common exposure (clusters of cases);
- Countries experiencing larger outbreaks of local transmission (community transmission).

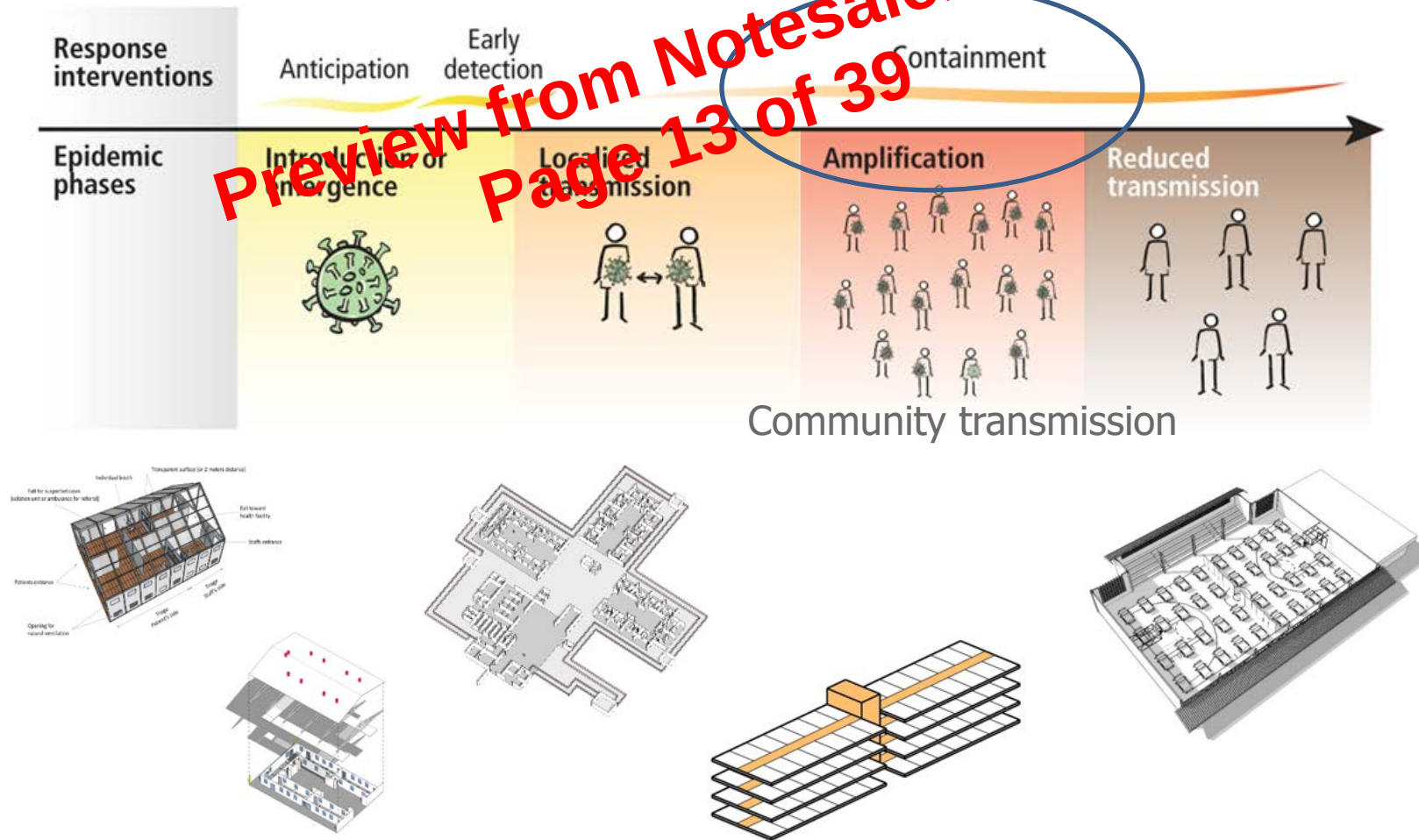
Epidemic phases and response interventions



1. Set up screening and triage.
2. Set up COVID-19 designated wards in health facilities.
3. COVID-19 designated treatment area.
4. Repurpose existing buildings.
5. Community facilities.

Epidemic phases and response interventions

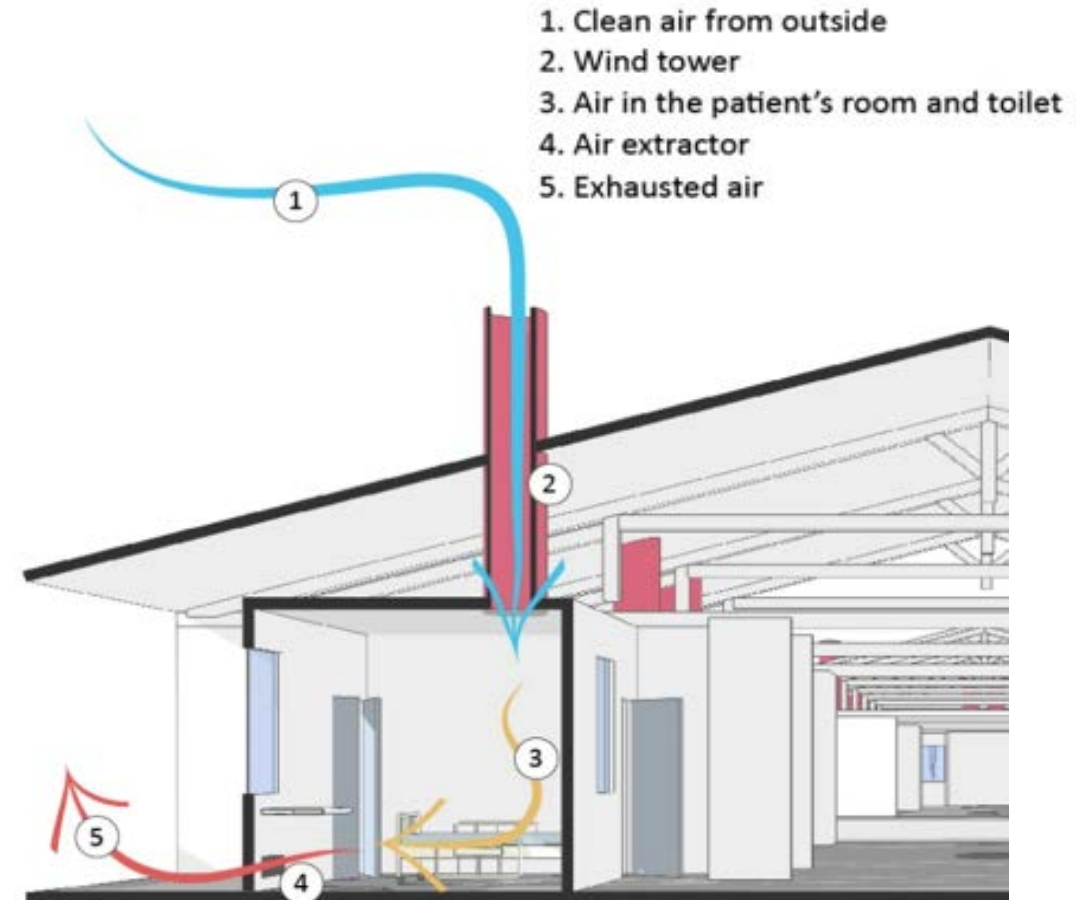
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Ventilation – Hybrid ventilation

Top-down ventilation fan-assisted stack plus a wind tower

The air extractor will easily allow for control of the ventilation rate, meeting the ACH standard required and assuring a constant unidirectional top-down airflow.



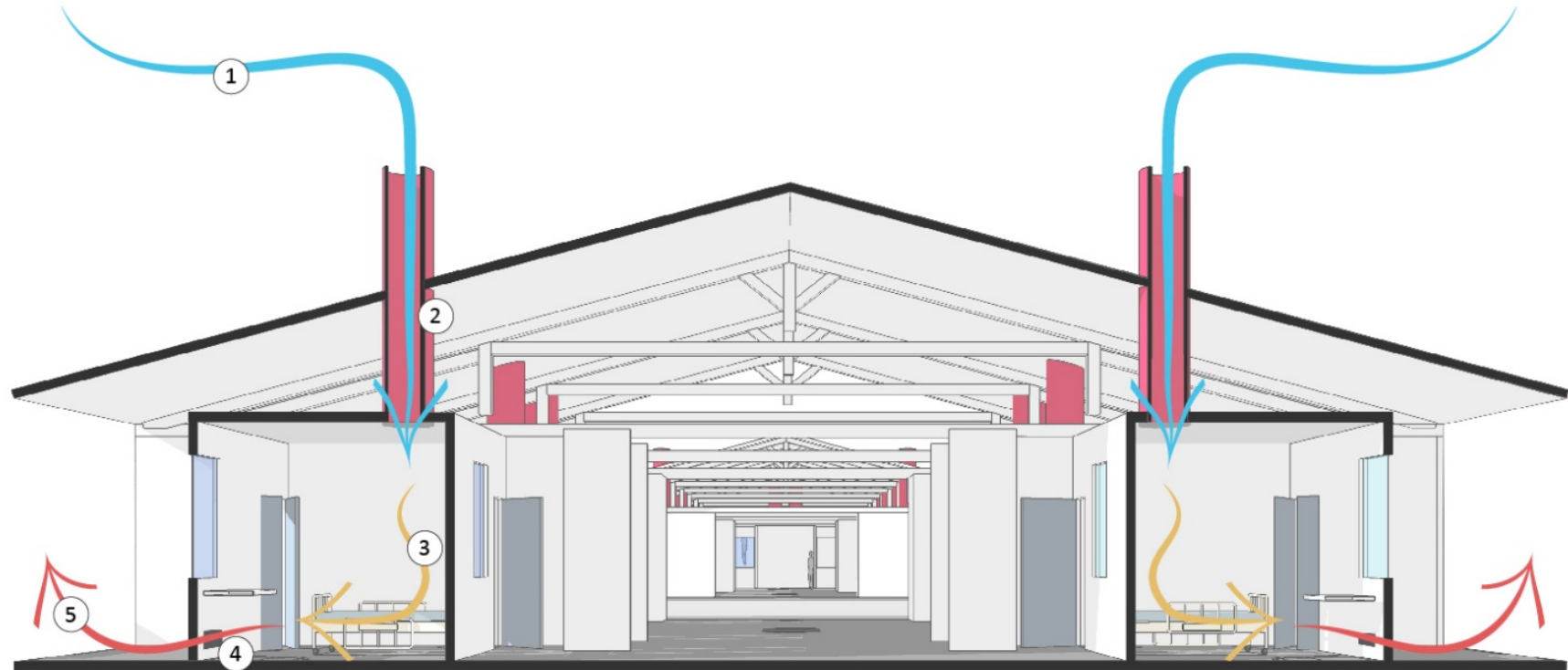
How to install air extractor

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In warm climate countries, due to temperature and pressure, the airflow will naturally move the opposite direction.

For the this reason, it is essential that air extractor is turned on whenever the room is occupied.

1. Clean air from outside
2. Wind tower
3. Air in the patient's room and toilet
4. Air extractor
5. Exhausted air



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