

# PPCR

Pune Platform for Covid Response

ANCHORED AT



MAHRATTA CHAMBER OF COMMERCE,  
INDUSTRIES AND AGRICULTURE

**‘The BAD news is we are  
our own worst ENEMIES’**



**‘The GOOD news is we  
are our own best HOPE.’**

# Pune Platform for COVID-19 Response

A volunteer group of businesses, civil citizens, NGO's, Social Organizations, Medical Community and Government to minimize the impact of COVID-19 outbreak in Pune district. The platform that came together in March 2020, has now transformed into a city movement

**250+**  
**Corporates &  
1000+ donors  
across India**

**50+**  
**NGO's & Social  
Organizations**



**250+**  
**Government &  
Private Hospitals**

**10+ Government  
offices**

*Source: Pune Platform for COVID-19 Response (PPCR)*

# Pune Platform for COVID-19 Response

## Our Progress



Source: Pune Platform for COVID-19 Response (PPCR)

# Pune Platform for COVID-19 Response

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## Healthcare Capacity Expansion: PPCR Support

### COVID-19 Bed Capacity Increase

669.85%



Increased from 4000 (Mar 2020)  
to 30,794 (May 2021)

-Provided 130 HFNOs, 550 Ventilators  
-Facilitated 12 oxygen generator  
plants, with a combined capacity of  
generating 12 tonnes a day  
-60% of the district's critical  
healthcare capacity (ICU & Ventilators)  
facilitated by PPCR

Increased from 300 (Mar 2020)  
to 1,539 (May 2021)



413%

### Ventilators Capacity Increase

# Pune Platform for COVID-19 Response

## Healthcare Capacity Expansion

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Mumbai & Delhi

Pune

### Mumbai

#### COVID19 Bed Management (As on 10:09 AM, Apr 30, 2021)

Bed Capacity (DCHC+DCH+CCC2)	30,058
Occupied	19,266
Available	10,792

DCH & DCHC Bed Capacity	21,767
Occupied	16,047
Available	5,720

O2 Bed Capacity	11,060
Occupied	9,489
Available	1,571

ICU Bed Capacity	2,894
Occupied	2,837
Available	57

Ventilator Bed Capacity	1,482
Occupied	1,461
Available	21

### Delhi

#### COVID-19 Beds

Total	Occupied	Vacant
21290	19969	1321

#### COVID-19 ICU Beds

Total	Occupied	Vacant
5034	5012	22

### Bangalore

Sr. No.	Facility	Allocated	Occupied	Available
1	Govt. Medical College	850	828	22
2	Govt. Hospital	876	819	57
3	Private Medical Colleges	4,658	3,510	1,148
4	Private Hospitals	3,688	3,013	675
	<b>Sub Total (Hospitals)</b>	<b>10,072</b>	<b>8,170</b>	<b>1,902</b>
5	Government Covid Care Centers (CCC)	1,660	564	1,096
	<b>Total (Hospitals + Govt. CCCs)</b>	<b>11,732</b>	<b>8,734</b>	<b>2,998</b>

#### Bed Availability in Pune District on 1st May 2021 at 10:00 a.m.

Total Allocated Beds for Covid-19:	30794	Total Vacant Beds for Covid-19:	6365
Allocated Beds for Isolation - without Oxygen:	13202	Vacant Beds for Isolation - without Oxygen:	5045
Allocated Isolation Beds with Oxygen:	14105	Vacant Isolation Beds with Oxygen:	1219
Allocated Beds for ICU without Ventilator:	1948	Vacant Beds for ICU without Ventilator:	98
Allocated of ICU Beds With Ventilator:	1539	Vacant ICU Beds With Ventilator:	3

**Pune has the highest bed capacity and highest ventilator capacity in the country, surpassing Mumbai, Delhi, Bangalore**

# Pune Platform for COVID-19 Response

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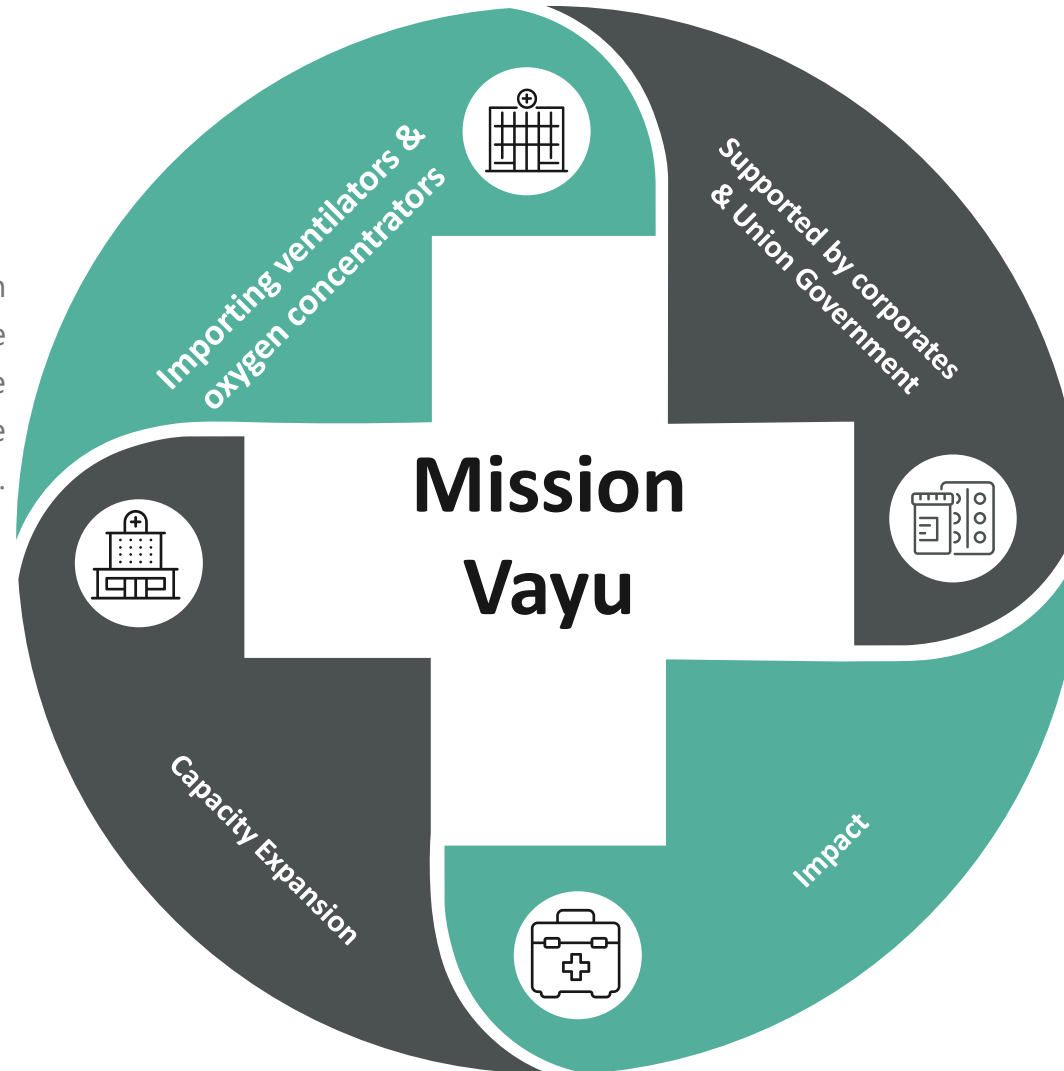
## Mission Vayu #1

### Importing ventilators & oxygen concentrators

Sourced 250 BiPaPs and 4000 oxygen concentrators from Singapore. One of the largest civic-led initiatives to support the healthcare infrastructure and tackle the pertaining oxygen shortages across India.

### Increasing state-wide capacities

Supplies have already been distributed to 20 districts across the state (as of 5th May 2021) and the rest shall be distributed within the next week



### Supported by international Companies & 250+ donors

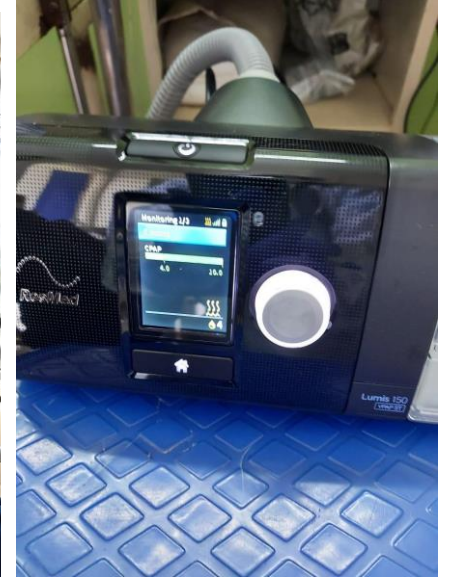
Mission Vayu is supported by Temasek Foundation-Singapore and 250+ members and donors of PPCR. Amazon is logistics partner, airlifting the items from Singapore to India with support from Air India

### Impact

The aim is to ensure that every district in the state is provided with oxygen concentrators and BiPaPs. Will be able to impact atleast 15-20,000 patients every week.

*Source: Pune Platform for COVID-19 Response (PPCR)*





**PPCR**  
Pune Platform for Covid Response

ANCHORED AT  
**mccia**  
MAHARASHTRA CHAMBER OF COMMERCE,  
INDUSTRIES AND AGRICULTURE

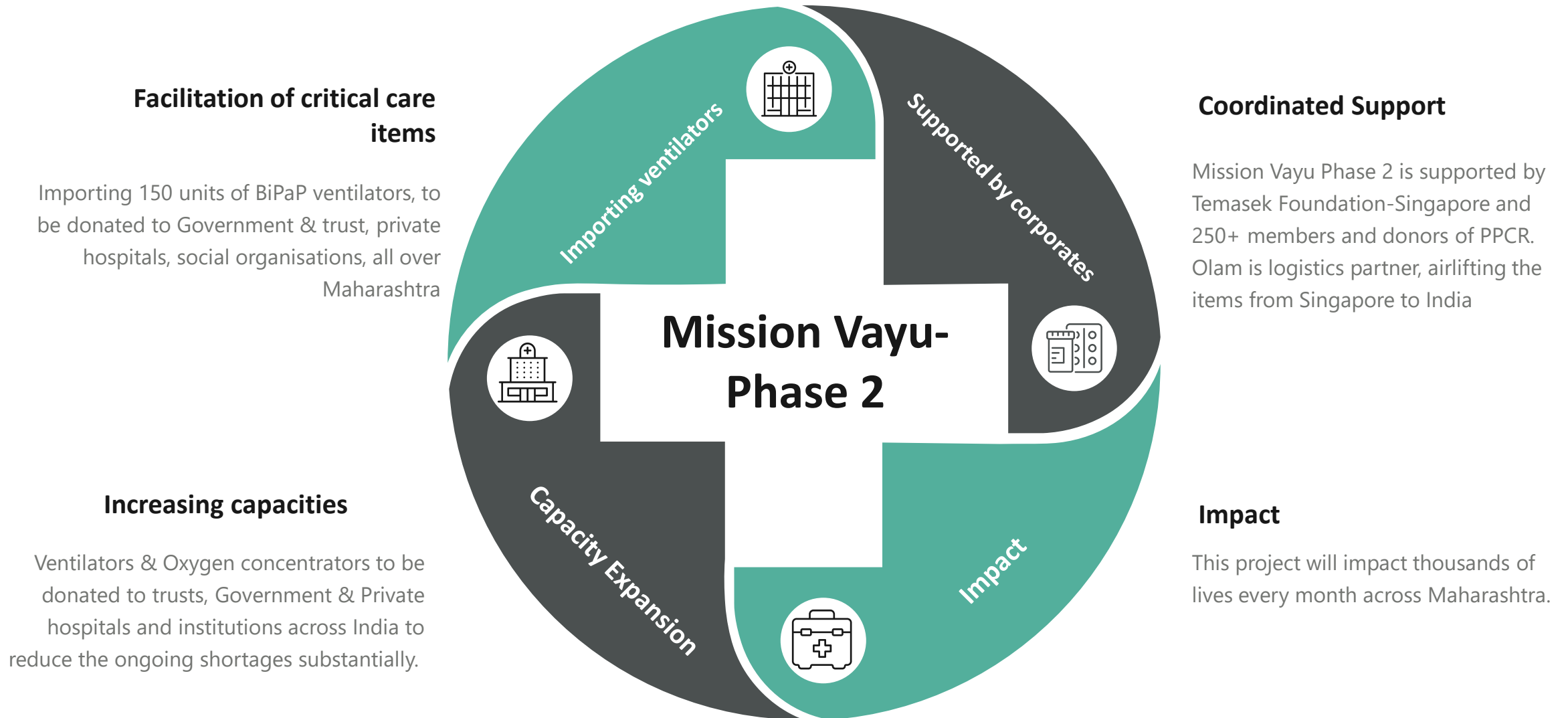
**MISSION VAYU**



# Pune Platform for COVID-19 Response

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## Mission Vayu- Phase 2



Source: Pune Platform for COVID-19 Response (PPCR)



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## Mission Vayu- Phase 3

### YH-830 Bi-Level Hospital Model

The YH-830 Bi-Level hospital model is similar in design and specifications to the above device. In addition, it includes an independent high-volume humidifier with control. The unit also displays the flow and pressure in wave form. Trigger, Cycle, and Slope adjustment is also available.

The unit is mounted on a heavy-duty mobile trolley which makes it convenient to move around and store. The trolley also features an adjustable arm for the tubing.

#### Technical Specifications:

Treatment mode: S, T, ST, CPAP, VPGS  
Pressure range: 4~30 cm H<sub>2</sub>O  
Pressure accuracy: ±0.5 cm H<sub>2</sub>O  
Time-lapse boosting: 0~45 min  
Power: 100-240 V, 50-60 Hz DC 24 V  
Automatic altimetric compensation: 3500 m



- **Importing 500 units of BiPaP ventilators, to be donated to Government & trust, private hospitals, social organisations, all over India**
- **60% of the cost is being borne by Temasek Foundation, Singapore & remaining 40% to be raised through funding support**
- **Equipment Details: Yuwell YH-830 BiPAP (Hospital Model)**  
<https://www.yuwell.co.in/sleep-care>
- **Expected Arrival Date: 7<sup>th</sup> May 2021**
- **Anyone from Pune/Maharashtra/India should be able donate the PPCR@MCCIA & advise us on which charitable/Trust hospital or district authority they would like us to allocate it to**

# Pune Platform for COVID-19 Response

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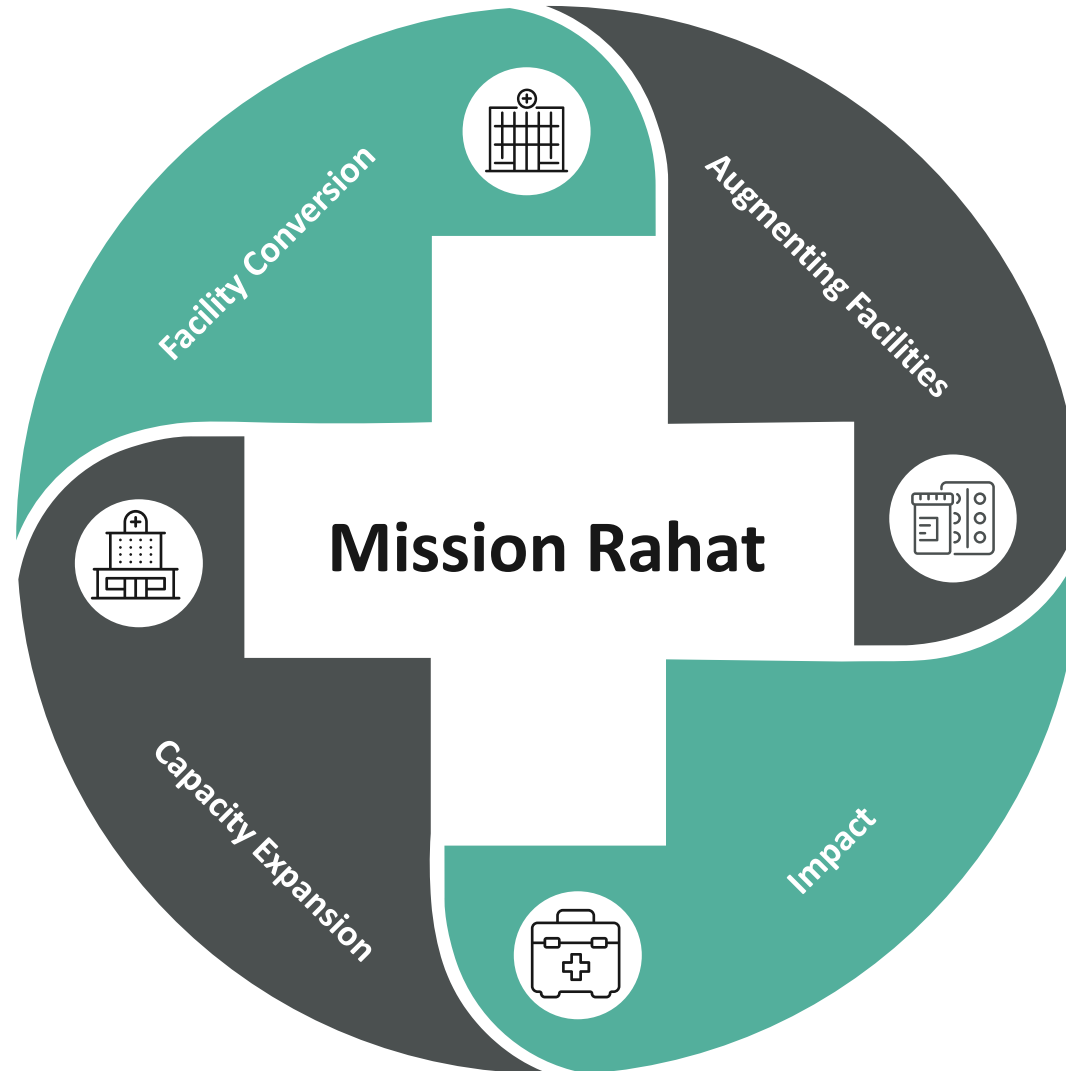
Mission Rahat, In association with Bharatiya Jain Sanghatana

## Conversion of Small & Medium Size Hospitals

Converting small and medium sized hospitals in the district that are currently not part of the COVID bed reservation plan of Municipal Corporations in association with Bharatiya Jain Sanghatana

## Capacity Expansion

1100 hospitals with approximately 15,000 beds can become available. Even if 10 percent of these beds become available for COVID patients, it will significantly augment the existing capacity of the local administration.



## Augmenting Facilities

While corporates can support in installation of additional beds, oxygen pipelines and related supportive infrastructure to help manage COVID cases; the state government can provide additional oxygen supplies and ventilators

## Impact

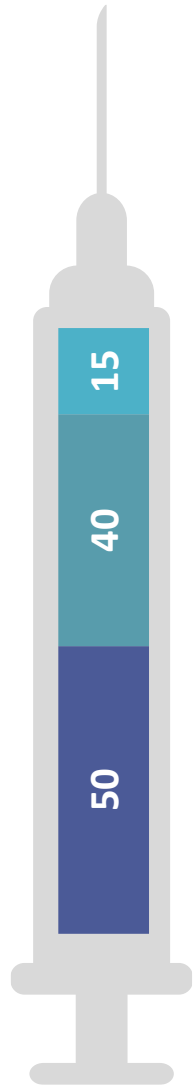
Significant increase in availability of hospital beds for COVID treatment and augmented infrastructure at existing/newly converted COVID hospitals, creating capacities for future.

Source: Pune Platform for COVID-19 Response (PPCR)

# Pune Platform for COVID-19 Response

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## Vaccination Drive



Enabled local district administration to increase daily vaccination capacity by 70%



Extensive awareness campaign and support from city's eminent voices, doctors, influencers and media



Ensuring better crowd and site management at the vaccination centres



Society associations, local retail and kirana associations, Ganesh Mandals, Auto-rickshaw & taxi driver associations, other key industry associations roped in to increase registrations



Roped in PMPML for seamless transport of medical staff and vaccine beneficiaries during the lockdown



Organized 24-hour registrations for all eligible auto rickshaw & taxi drivers and their families at 5 Government operated vaccination sites

# Pune Platform for COVID-19 Response

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## Vaccination Capacity Expansion

Pune has the highest percentage vaccination rate in the state and probably in the entire country (metros and mini metros)

Pune is vaccinating 145k per million people as compared to the national average of 90k per million

Pune was the first city in India to reach almost 87k vaccinations in a day

Pune has vaccinated 70% of its current eligible population (45+ years)

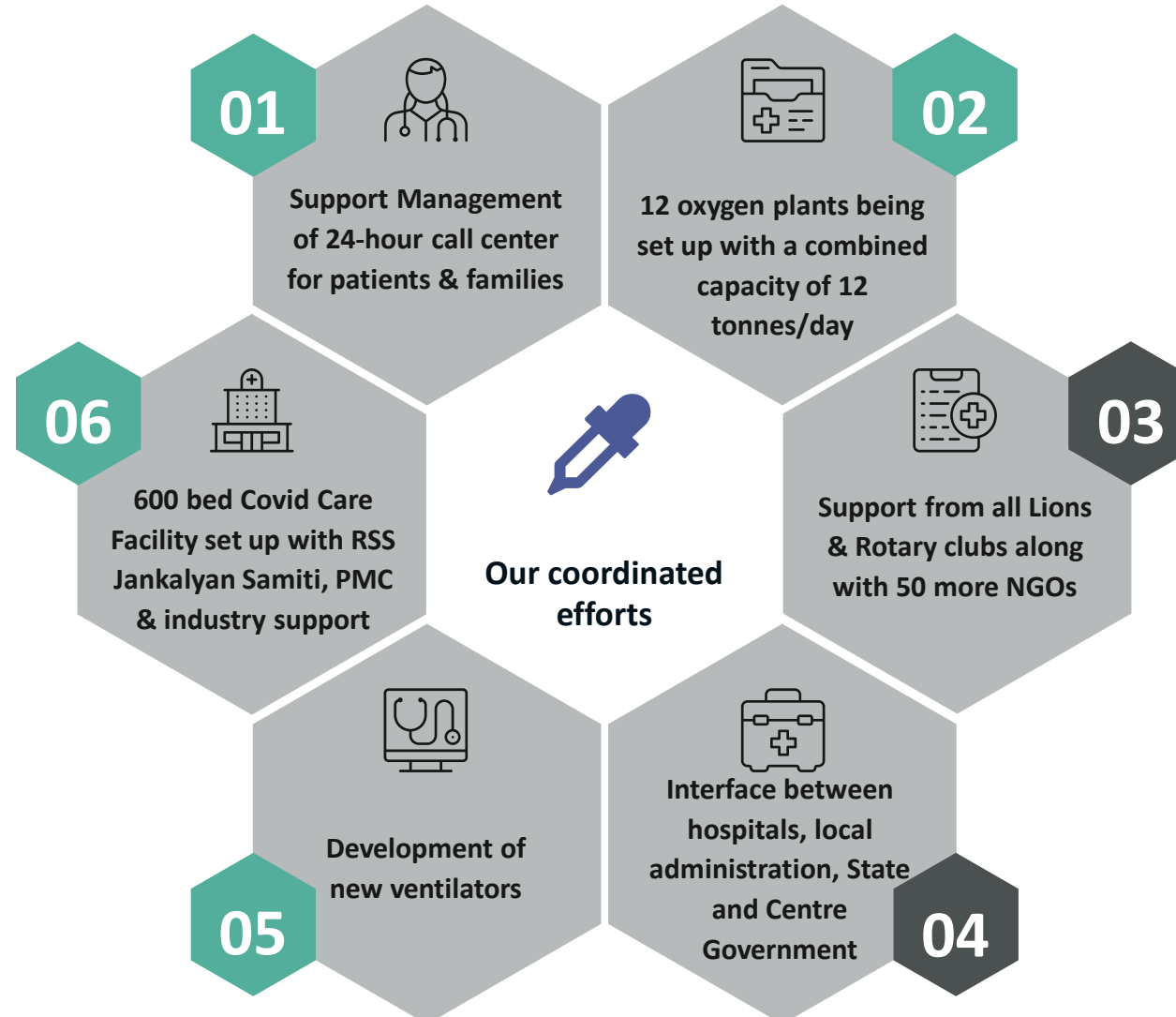
Planning to procure 50 lakh vaccine doses for Phase 3 vaccination of all 18+ years citizens

Daily PUNE District COVID-19 Vaccination Report														Date	30.04.2021		
Sr No	Name of Session Site (Area)	Type of Vaccine	No of Session	Total										AEFI			
				Beneficiaries Target	Health Care Worker vaccinated		Front Line Worker Vaccinated		Old Age (above 60 yrs) Vaccinated		General Citizen (45-59 yrs) Vaccinated		Total	Percentage of beneficiaries vaccinated (%)	Category of AEFI		
															Minor	Serious/ Severe	Total
					1st Dose	2nd Dose	1st Dose	2nd Dose	1st Dose	2nd Dose	1st Dose	2nd Dose					
Pune Rural Total		Covaxin	15	450	11	1	31	30	20	165	87	69	414	92	0	0	0
		Covishield	77	7700	32	46	472	279	1717	1154	2844	797	7341	95	0	0	0
		Total	92	8150	43	47	503	309	1737	1319	2931	866	7755	95	0	0	0
PMC		Covaxin	20	2000	0	74	0	131	2	800	5	398	1410	71	0	0	0
		Covishield	172	17200	149	371	409	568	1135	4691	2562	1589	11474	67	0	0	0
		Total	192	19200	149	445	409	699	1137	5491	2567	1987	12884	67	0	0	0
PCMC		Covaxin	8	190	0	2	2	3	56	35	84	17	199	105	0	0	0
		Covishield	30	1890	82	114	151	128	232	1001	493	675	2876	152	0	0	0
		Total	38	2080	82	116	153	131	288	1036	577	692	3075	148	0	0	0
Pune District Total		Covaxin	43	2640	11	77	33	164	78	1000	176	484	2023	77	0	0	0
		Covishield	279	26790	263	531	1032	975	3084	6846	5899	3061	21691	81	0	0	0
		Total	322	29430	274	608	1065	1139	3162	7846	6075	3545	23714	81	0	0	0

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## Ongoing Initiatives

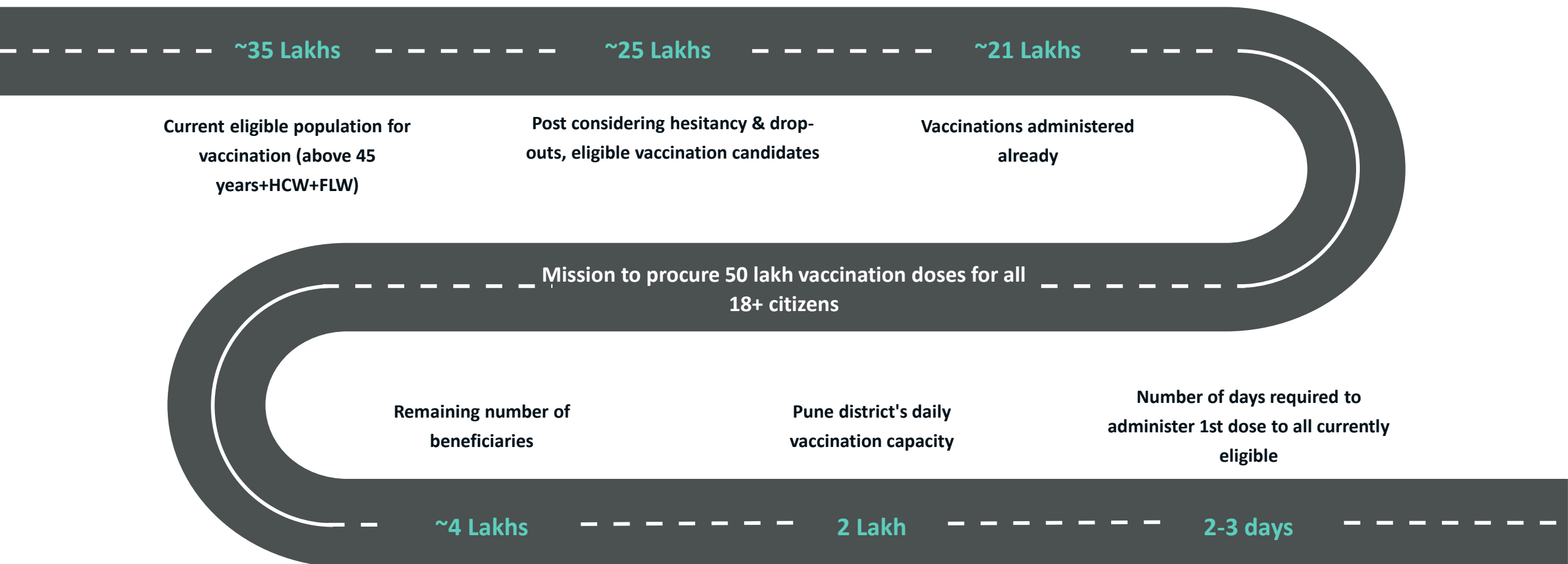


Source: Pune Platform for COVID-19 Response (PPCR)

# Pune Platform for COVID-19 Response

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Making Pune, India's first COVID Death Free City



## How does it help?

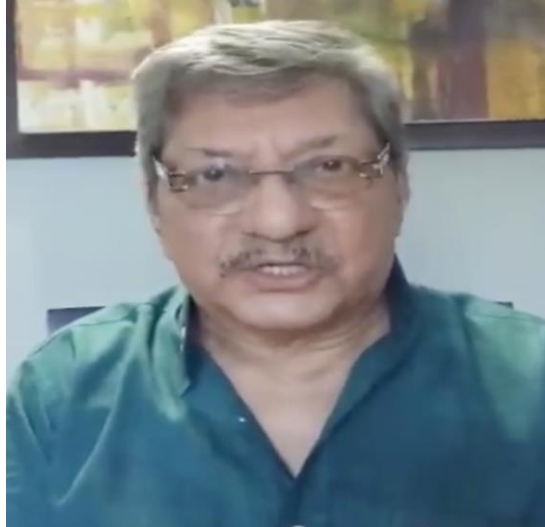
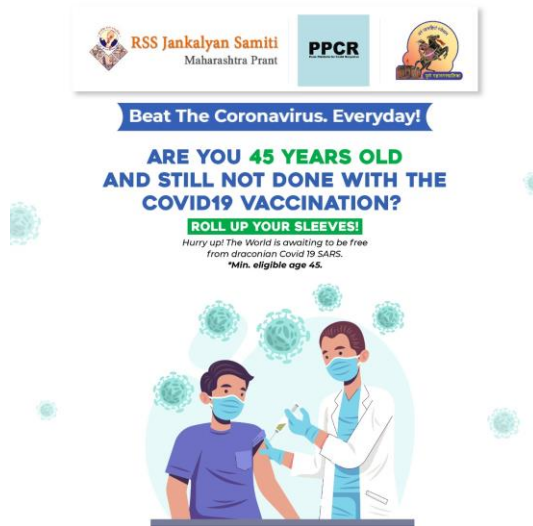
As per recent surveys, vaccine efficacy after a single dose is **76%**, with near zero hospitalizations or fatalities **22 days after administering the first dose**. If we vaccinate all eligible citizens, who are at high risk and contribute to 90-95% of fatalities, we will be able to free up hospital beds substantially and reduce **death rate by 90% by 1st June 2021**.



# Pune Platform for COVID-19 Response

## Public Awareness Campaigns

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# Thank you!

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Director, Persistent Foundation

**Mr. Arvind Goel**

MD & CEO of Tata AutoComp Systems Limited  
(Tata AutoComp)

**Mr. Prashant Girbane**

Director General, Mahratta Chamber of  
Commerce Industries and Agriculture (MCCIA)