

# CONCURRING PREVENTABLE BLINDNESS UNIVERSAL EYE HEALTH PROGRAMME APPROACH IN



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# Universal Eye health System

**Create strong and equitable Eye Health System  
so that all may see and those with  
visual impairment attain full potential**

## STRONG & EQUITABLE EYE HEALTH SYSTEM



**Collect  
evidence on  
magnitude  
and causes**



**Train more  
eye doctors,  
nurses and  
optometrists**



**Provide  
comprehensive  
eye care  
services to all**



# World Health Assembly (2013) Global Action Plan – (2014- 2019)

## WHAT IS THE GLOBAL ACTION PLAN?

A global commitment endorsed by all WHO Member States to **improve eye health for everyone** ("Universal Eye Health") over the next 5 years.

**OUR  
TARGET 25%** 

Reduction of avoidable blindness and  
visual impairment by 2019

## WHAT GOVERNMENTS MUST PUT IN PLACE

1



Comprehensive eye care services for major causes of visual impairment, covering promotion, prevention, rehabilitation and care

2



Access for everyone, including the poor, minorities, indigenous peoples, persons with disabilities, women and those in rural areas

3



Eye health integrated into national health systems

4



Point-of-care payment should not prevent access and should be free for the poorest

**ବିଶ୍ୱରେ ଦେଶର ସର୍ବମୁଖ୍ୟ ସାର୍ବଜନୀନ ଚକ୍ଷୁ ସୁରକ୍ଷା କାର୍ଯ୍ୟକ୍ରମ**

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ଉଦ୍ଦିଷ୍ଟ ଲକ୍ଷ୍ୟର ପ୍ରକାଶ

**ଶ୍ରୀମୁଖ ନବୀନ ପଟ୍ଟନାୟକ**ଙ୍କ ଦ୍ୱାରା  
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ଦେବା

ଆଜ୍ଞାପନୀ : ଶ୍ରୀ ପୁରୀ ଜିଲ୍ଲାର ପାଇଁ ଏକ  
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ଶ୍ରୀମୁଖ ନବୀନ ପଟ୍ଟନାୟକ

# Announced on World Sight Day 2017 12.10.2017

**ପ୍ରତିଷ୍ଠା ହେବ ବିଶ୍ୱଜ୍ଞାନୀୟ ଚକ୍ଷୁ ପ୍ରତିଷ୍ଠାନ: ମୁଖ୍ୟମନ୍ତ୍ରୀ**

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Dr. Pradyumn Kumar  
Head & HR Dept. (HR) of Govt.

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**Please Register for your Eye Care**

Enter your eye health information. Complete a form with the details of your eye health and you will be eligible for eye care services. To obtain the above services, please register your information in order to create the identity.

- Offering comprehensive eye care services to all the people in order to get eye health promotion, preventive, curative and rehabilitative services.
- Integrating eye health care with other health services.
- Providing services to the poor and needy people, including the poor, disabled, and the disabled.

₹25721

Submit



# Political commitments & Administrative approval

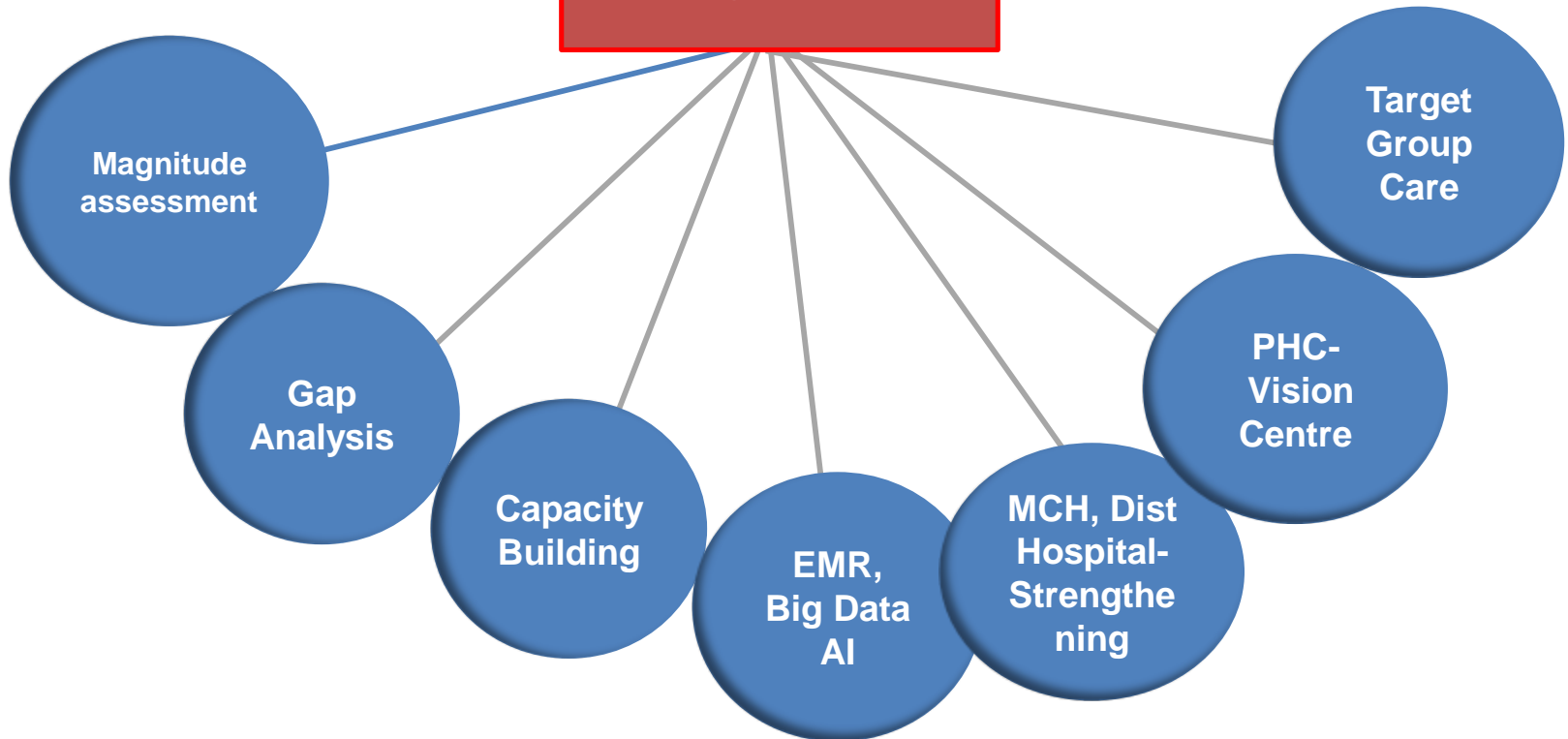


- Rs 680 cr to be spent in 5 years
- Vision centers at CHC, PHC and subcentre level
- Intensified community screening
- Free cataract surgery for all sections
- Refractive error assessment of all school children
- Free spectacles to all having Refractive error.
- Diabetic Retinopathy screening of all diabetics
- Lifelong free medicines to individuals diagnosed as Glaucoma
- Free treatment for all serious eye problems



# 7 Components of Universal Eye Health Programme, Odisha

## Components



# 1. Magnitude Assessment

Odisha does **not** have base line data of Blindness and Visual Impairment

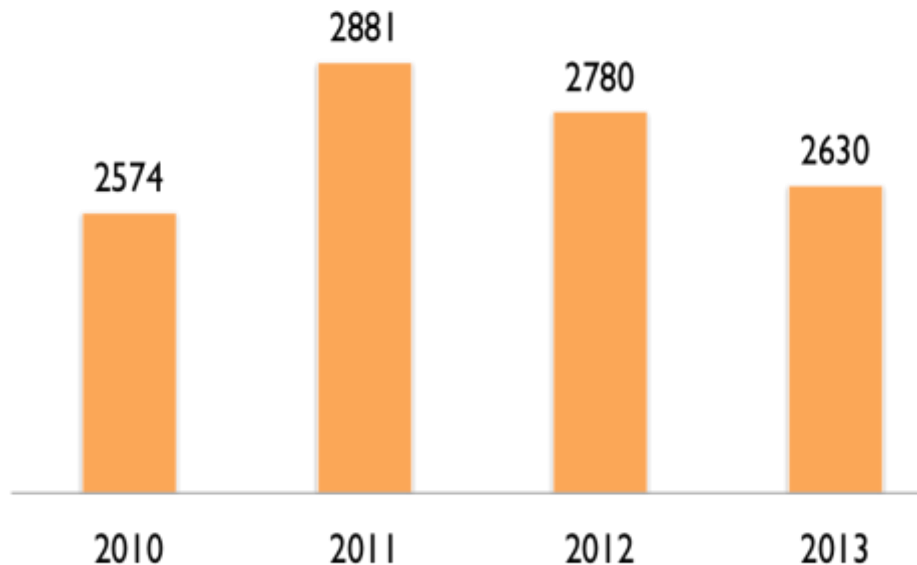
## **ODISHA EYE DISEASE STUDY (O D E S Y)**

Comprehensive survey covering - 30 Districts,  
15,000 household - 60,000 people to be examined

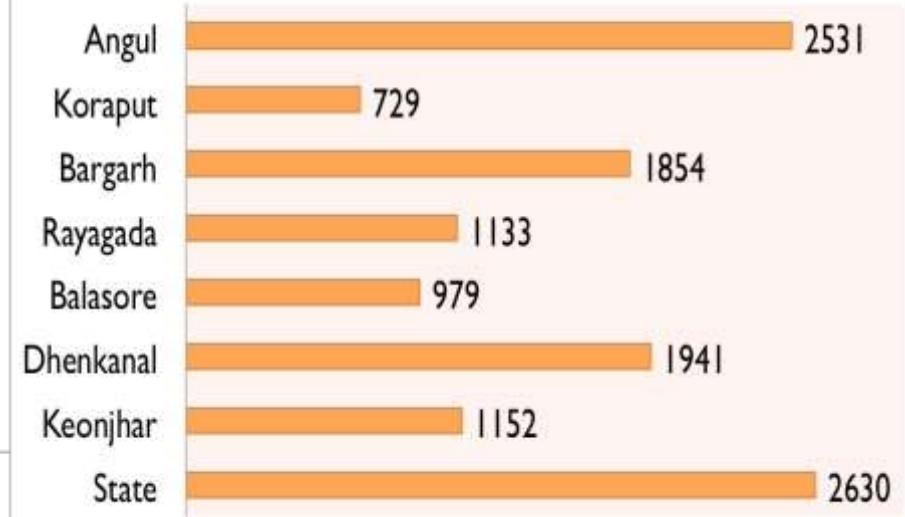


## 2. Gap analysis

Odisha CSR



Odisha CSR



## District Eye Health Assessment Tool (DEHAT)

- **Comprehensive assessment tool software**
  - Man power – ophthalmic & general
  - Health institutions
  - Equipments – availability and status
  - Health administration of the district

# 3. Capacity building

## Establishment of Pyramid of Eye Care System

Service + Training + Res + Policy Planning

Service + Training + Res

Service + Outreach

Refract + Refer



- 50 million
- 5 million
- 500,000
- 50,000

Paramedics & Ophthalmologists

Certificate (Ophthalmic surgical assistant)

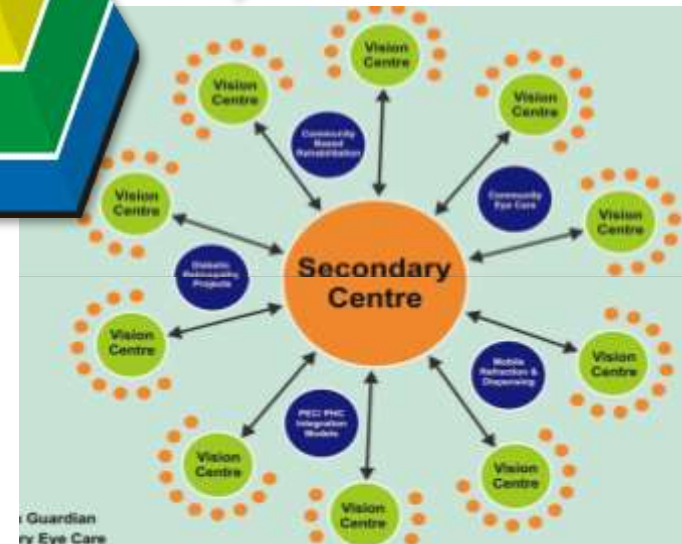
Certificate (Ophthalmic Assistant)

Diploma (after 2 yrs job)

Degree/ Masters/ Integrated M. Optometry

District Ophthalmologist

Tertiary centre Ophthalmologists



# Activities in the Center of Excellence



Clinical Care



Eye Banking



Vision  
Rehabilitation



Education



Capacity Building



Research



Rural & Community  
Eye Health



Innovation

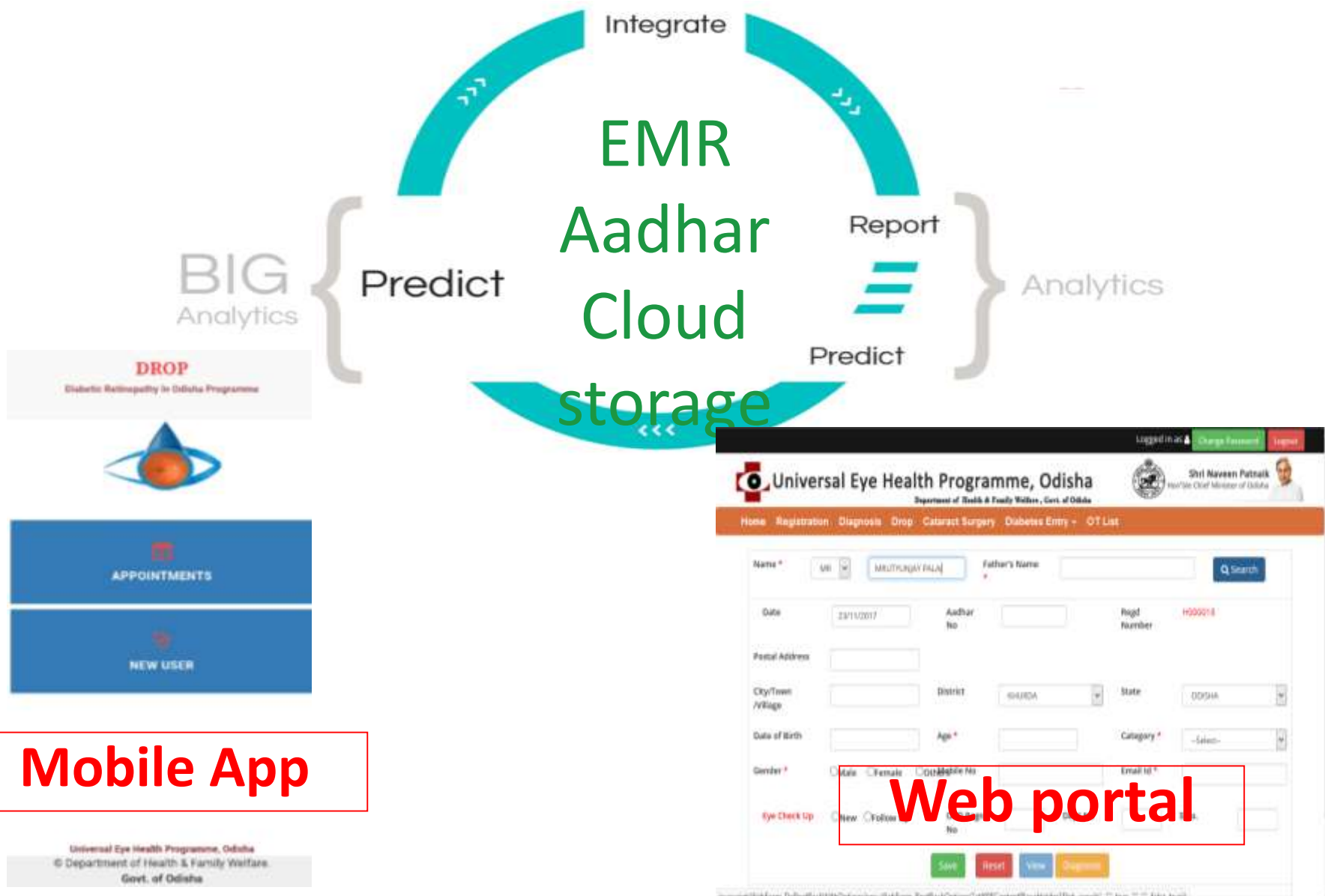


Product  
Development



Advocacy, Policy &  
Planning

# 4. EMR & Big data analysis



# 5. MCH & Dist hospital strengthening

- Modular OT
- Strengthening of subspecialties
- Paediatric Ophthalmology unit
- ROP screening and treatment
- OPD strengthening



# 6. Strengthening of Vision centre



# 7. School Sight Programme

- Annual Eye Check up of every School going child
- Centralised procurement and distribution of spectacles within 2 weeks
- Sequential follow up of children detected with refractive error
- Plan to include under 5 children also



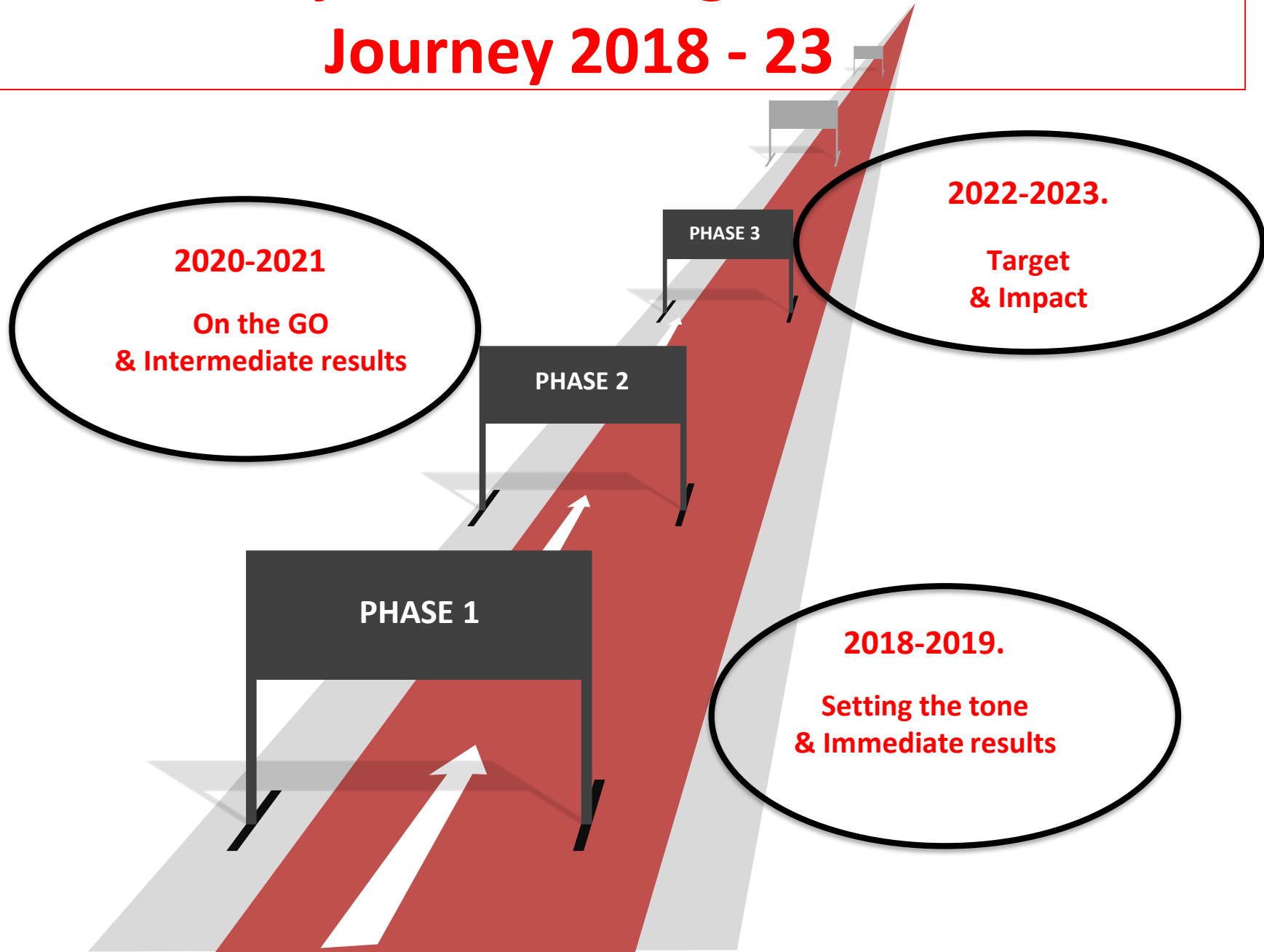
# 7. Low vision rehabilitation

- Training centre at 7 Govt Medical colleges and Capital Hospital, Bhubaneswar.
- Assessment centres at every District hospital
- Procurement and Supply of Low vision devices



# Universal Eye Health Programme, Odisha

## Journey 2018 - 23



# Conclusion

- **Through Universal Eye Health Programme, Odisha we aim at ensuring–**
  - Annual eye check up of all individuals
  - Call & recall system for persons identified to be at risk of preventable blindness
  - No individual to travel more than 10 km for a pair of glass
  - No individual to travel more than 50 km for cataract surgery.



**Thank you**