



OrganMatch enhancement project

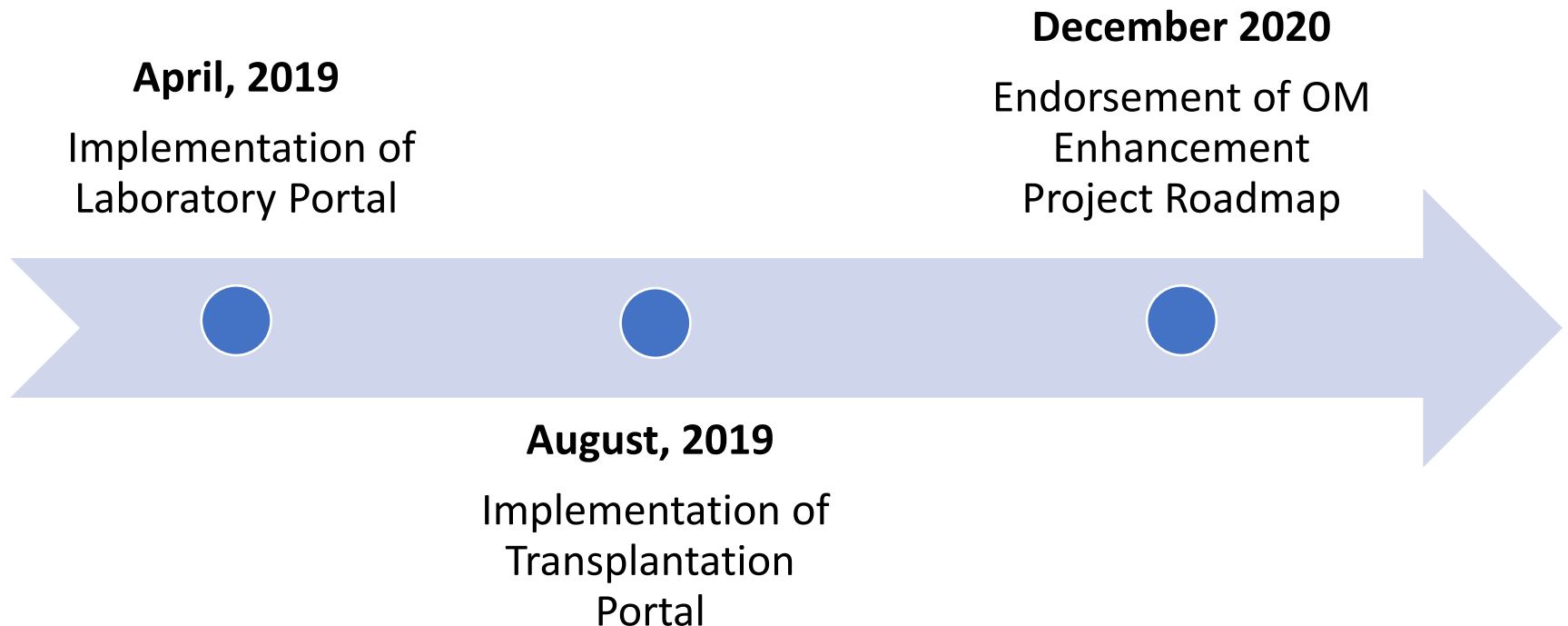
Ben Meyers | Clinical Programs
Organ and Tissue Authority

donate life 

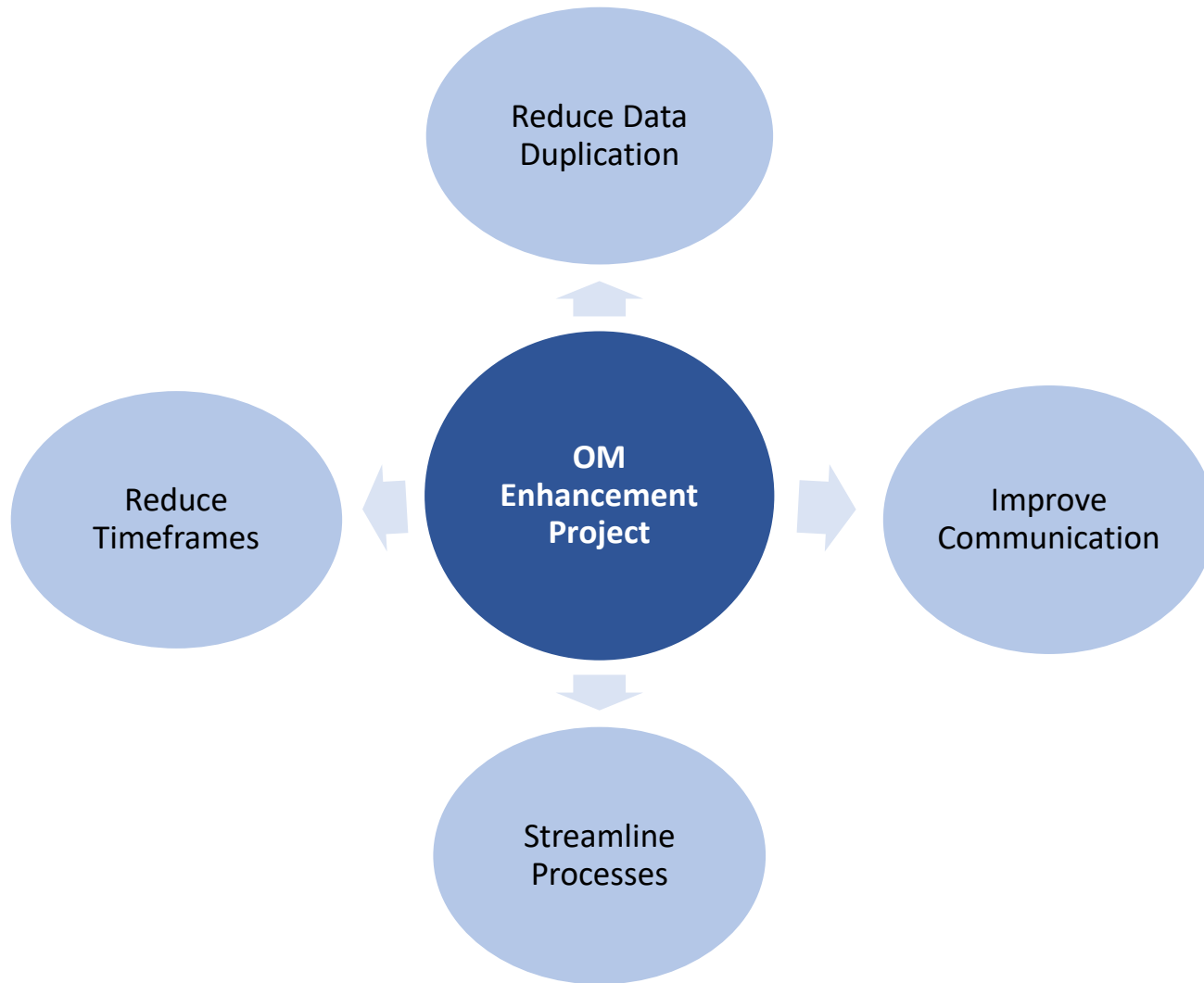
OrganMatch Timeline

OrganMatch is a national web based clinical management system that replaced the National Organ Matching system (NOMS) that had been in place since 1999.

OrganMatch is funded by OTA and delivered in collaboration with Australian Red Cross Lifeblood and the IT developer Datacom.



OrganMatch Enhancement Project Objectives



OrganMatch Enhancements – Phase 1

Transplantation Portal

- Enhancement of the ANZKX program enrolment data and registration of recipients/ donor pairs within OrganMatch (replacing previous MMEX system)
- Allow Transplant Units to enrol their patients in real-time onto the Transplant Waiting List
 - Addition of new data fields and filters
 - Addition of new Donor Dashboard

OrganMatch Enhancements – Phase 1

Donation Portal

- Establishment of new Donation Portal
 - View Donor Enrolments
 - View Matching results
 - Automated KDPI calculation
 - Ability to view potential recipients based on Donor criteria
 - Access the Organ Offer List directly through OrganMatch
 - *Ability to generate OOL for a specific Transplant Unit or by recipient ranking*

EDR/OrganMatch Interface

- Establishment of new Interface between the EDR and OrganMatch
 - Automate the Donor Enrolment within OrganMatch
 - Streamline the KDPI calculation process

OrganMatch Enhancements – Phase 1

OrganMatch Donation Portal

Person details Narelle W...

Mock Six DECEASED DONOR

Male
42 years 5 months (15/08/1979)

OM ID: 0081936
OM Lab: QLD

EDR ID: D22-0008
Hospital: Princess Alexandra Hos...

Send Notification
[View match profile](#)

General Information | Deceased Donor

Height & Weight

Height (cms)	Weight (kg)	BMI
175	77	25.14

Medical conditions

Primary Diagnosis	Additional Diagnosis	Diabetes
	N/A	Diabetes

Pregnancy Information

Number of Pregnancies	Date of Last Pregnancy
-	N/A

Drug treatment

Receiving Drug Treatments?	As At	Description of Drug Treatments
	N/A	
Receiving immunosuppression?	As At	
	N/A	

Details of death

Date of Death	Cause of Death	Specific Cause of Death
-		

EDR OrganMatch Interface

Find Case | Dashboard | New Referral | Admin | Hosp Dev | Fam Serv | Research | Scheduling | ITx Pulse

S. Mock
QLD Princess Alexandra Hospital
Referral ID: R22-00009
Type: Referral
[View](#) [Edit](#)

TRACKING | **ORGAN PRE-OR** | SUMMARY/ANZOD | ORGAN OR/POST | EYE RECOVERY | RESEARCH | **TRANSMIT** | NOTES | ATTACHMENTS | TASKS

Transmit
Transmit Log

OrganMatch Interface

Mock, Six
QLD Princess Alexandra Hospital
REFERRAL ID: R22-00009 REG: MRN: 66666666

SEX	YEARS	DOB	CM	KILOGRAMS	DONOR ID
M	42	15/08/1979	175	77.0	D22-0008

ORGANMATCH INTERFACE

[Submit](#)

Data submitted to OrganMatch

Status	Message	Date	By
Success	Message successfully received by OrganMatch	20/01/2022 10:10 Eastern (DST)	b_meyer
Success	Message successfully received by OrganMatch	20/01/2022 09:03 Eastern (DST)	b_meyer
Success	Message successfully received by OrganMatch	14/01/2022 13:40 Eastern (DST)	b_meyer

OrganMatch Enhancements – Phase 1

Summary

- Went live with Pilot in NSW/ACT on 14th February 2022
 - Identified required system changes
 - Positive feedback received from both DonateLife Agency and Lab
 - Now BAU for NSW/ACT
- Go-Live for QLD on 1 June 2022
- Commenced, or scheduled training with reminder of the jurisdictions
- Aim for national implementation of Phase 1 by mid July 2022

OrganMatch Enhancements – Phase 2

Summary

- Management of non renal offer rotation
- Matching algorithms of non renal recipients
- Management of all organ offer acceptance/ declines
- Provision of an electronic Donor Chart through OM (Via EDR Interface)
- Scoping exercise for sharing of de-identified medical images

Next Steps

- Finalise Phase 1 Implementation
- Re-establish regular workshops with SMEs from Donation and Transplantation sector from July 2022 onwards