

Wonago-HDSS Website Concept - Presentation Summary

This document contains all slides from the presentation. Print date: 2/9/2026



RESEARCH CENTER

Health & Demographic Surveillance

Website Concept Note

A Modern, Policy-Compliant Digital Platform Proposal

Wonago-HDSS

Research Center | Dilla University

November 2023 | Version 2.1



Introduction

Slide 1

1 Research in the Digital Age

Research centers today are evaluated not only by the quality of their scientific output, but also by how effectively they communicate, preserve, and govern research information digitally.

Leading international research websites function as trusted gateways for knowledge dissemination, collaboration, and controlled data access.

Our Proposal

A modern, policy-compliant, and internationally benchmarked website for the Wonago-HDSS research center under Dilla University. Informed by peer Ethiopian research platforms, international standards, and institutional governance principles.

Ethiopian Benchmarks

✓ DRC – University of Gondar

✓ Kersa HDSS – Haramaya University

International Standards

✓ Leading research data portals

✓ FAIR data principles

- ✓ Emerging Ethiopian platforms
- ✓ Global research center websites



Purpose & Objectives

Slide 2

2 Website Purpose & Objectives

The proposed website will serve as the official digital presence of Wonago-HDSS with five core objectives:

Establish Credibility

Present Wonago-HDSS as a credible national and international research institution with proven expertise in health and demographic surveillance.

Centralize Assets

Create a structured repository for all research information, publications, datasets, and project outputs with version control and preservation.

Enhance Visibility

Enable structured discovery of research themes, ongoing projects, publications, and collaborative opportunities through intuitive navigation.

Govern Data Access

Implement policy-driven data sharing with controlled access mechanisms aligned with ethical guidelines and institutional policies.

Ultimate Goal

To strengthen engagement with academia, partners, funders, and the public while ensuring research integrity and data security.



Website Structure

Slide 3

3 Proposed Website Architecture

The Wonago-HDSS website will feature a comprehensive structure designed for both public accessibility and secure internal operations.

Public-Facing Sections

5.1

Home

Center overview & highlights

5.2

About

Mission, vision & leadership

5.3

Research Themes

Thematic areas & programs

5.4

Projects

Detailed project database

5.5

Collaboration

Partnerships & opportunities

5.6

News & Events

Activities & announcements

Internal Systems (Secure Access)

Staff Collaboration Portal

Secure File Sharing

Research Request System

Operational Dashboard

Key Features

Role-based access, secure data sharing, research request workflow

11 Total

Sections



Project Timeline

Slide 4

4 Implementation Timeline (12 Weeks)

A structured 2-month + 2-week timeline with key milestones and three progress presentations to stakeholders.

1

Week 1-2: Project Initiation

Requirements & Planning

Finalize specifications, assemble team, establish protocols, set up project management tools.

2 weeks

2

Week 3-4: Design Phase

UI/UX Design & Prototyping

Create wireframes, design mockups, prototypes, and conduct initial usability testing.

2 weeks

P1

End of Week 4

Progress Presentation #1

Present design prototypes, information architecture, and user workflows for stakeholder feedback.

Focus: Design approval, UX validation, stakeholder alignment

3

Week 5-8: Development

Core Development Phase

Implement front-end and back-end functionality, database, authentication, and core features.

4 weeks

P2

End of Week 8

Progress Presentation #2

Demonstrate core functionality, showcase working prototypes, and gather feedback on development progress.

Focus: Functionality review, technical validation, mid-course adjustments

4

Week 9-12: Testing & Deployment

Finalization & Handover

Comprehensive testing, refinements, staff training, deployment, and documentation.

4 weeks

P3

End of Week 12

Final Presentation & Handover

Formal project handover, demonstration of complete system, review of documentation.

Focus: Project completion, system handover, maintenance planning

Total Project Duration: 12 Weeks

Starting from project approval to full deployment and handover



Project Budget

Slide 5

5 Estimated Project Budget

The following budget outlines estimated costs for the Wonago-HDSS website development. All amounts are in Ethiopian Birr (ETB).

Budget Item	Quantity/Units	Total (ETB)
Project Management & Coordination	12 weeks	0
UI/UX Design & Prototyping	4 weeks	22700
Front-End Development	6 weeks	47500
Back-End Development & Database	8 weeks	82500
Security Implementation & Testing	3 weeks	21000
Content Migration & Data Entry	2 weeks	15300
Staff Training & Documentation	1 week	10700

Budget Item	Quantity/Units	Total (ETB)
Hosting & Domain (First Year)	1 year	0
TOTAL ESTIMATED BUDGET		199,700

Budget Notes

- All amounts are estimates and subject to final quotation
- Budget includes 3 progress presentations
- 10% contingency removed as requested
- Ongoing maintenance costs not included

Ready for Budget Planning

Enter Your Budget

Figures

Click on any field to add your budget estimates