B-3 Interagency Council

Government Data Analytics Center & Educational Longitudinal Data System Overview

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GDAC/Data Division/Chief Data Office

Vision – *A trusted partner and leader for enabling the sharing and analysis of data assets*

Mission – *Transform data into information to facilitate decision support, increase operational efficiencies, and improve outcomes for the citizens of North Carolina by integrating and sharing data assets*

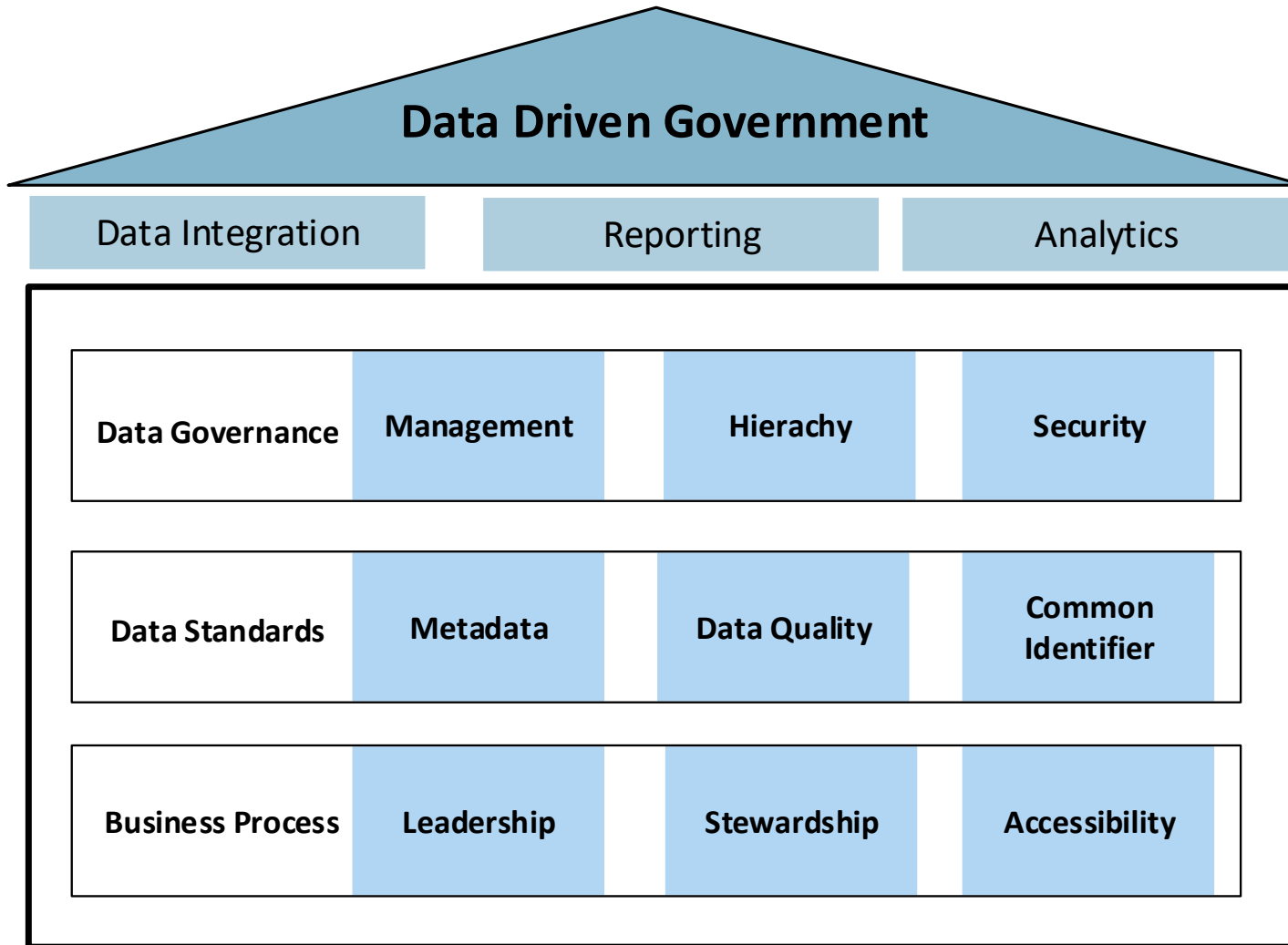| Who we are…	What we do...	Who we collaborate with...
o Analytics Solutions Development o Center for Geographic Information & Analysis (CGIA) o Health Information Exchange Authority (HIEA) o Enterprise Data Management (EDM) o Production Services o Innovation	Transform data into knowledge to support informed decision-making Identify and integrate data assets to improve citizen interactions and overall experience Increase operational efficiencies and outcomes through data sharing and use of data analytics	o Any/all State Agencies as needed/required o Criminal Justice Community o Healthcare Community o Financial Community o Education Community o County/Local Government o Vendor Partners o ESRMO/Enterprise Strategy

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Data Driven Government
Building a Strong Foundation

Data Driven Government

Data Integration	Reporting	Analytics

Data Governance	Management	Hierachy	Security
Data Standards	Metadata	Data Quality	Common Identifier
Business Process	Leadership	Stewardship	Accessibility

Authority § 143B-1385

•The State Chief Information Officer shall ensure that State agencies use the GDAC for collecting, organizing, sharing, and analyzing data through integrated process for informed decision making.

Authority § 116E

• ELDS Established. System must contain individual-level student data and workforce data from all levels of education and the State's workforce system
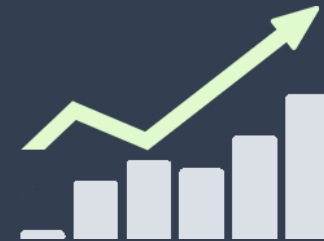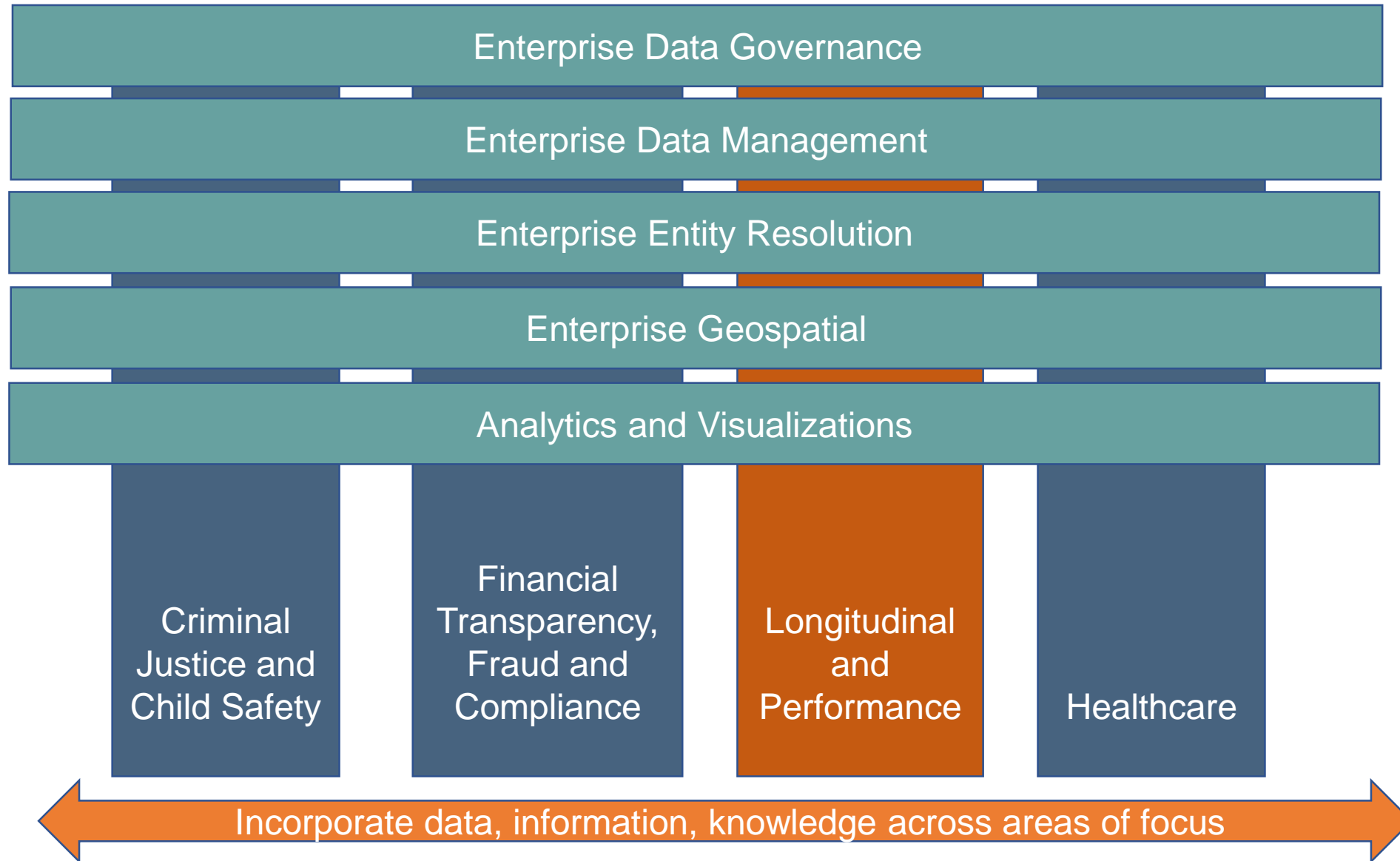
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GDAC Approach

GDAC Organizational Focus

Enterprise Data Governance

Enterprise Data Management

Enterprise Entity Resolution

Enterprise Geospatial

Analytics and Visualizations

Criminal Justice and Child Safety

Financial Transparency, Fraud and Compliance

Longitudinal and Performance

Healthcare

Incorporate data, information, knowledge across areas of focus

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NC Educational Longitudinal Data System (ELDS)

Partnership

- G.S. Chapter 116 E (2012, 2016)
  - Rules – Ready for Submission
  - Contributor MOU – Ready for Signature

- Governor's Education Cabinet - Work group
  - Rules and Governance (MOU) development
  - ELDS Interoperability Modernization Study – April 2020

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Longitudinal Collaborative Projects

Operational Systems

- Early Childhood Integrated Data System (ECIDS) – Integrates selected early childhood education, health, and social services program data

- NC SchoolWorks (P20W) – Integrates education and workforce (employment) data

- CFS – Integrates publicly supported education, employment and training program data

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Current Activities
Operational Systems and Modernization

- NC ELDS Study
- ECIDS Reporting and Visualizations
- Collaborative Research Agenda
- Enterprise Entity Resolution (EER)
- ELDS Data Catalog

- Federal Grant Funding Opportunities
  - US DOL - Workforce Data Quality Initiative Grant
  - US DOE - Preschool Development Grant
  - US DOE - State Longitudinal Data System Grant

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NC ELDS Study
Deliverables

- Current State of NC ELDS (existing components)
- Summary of States' Longitudinal Approaches
- Summary of ELDS Expectations
- Interoperability ELDS Modernization Recommendations
  - Data Governance
  - Phase Implementation
  - Sustainability

- Completion Date – April 2020

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NC ELDS

Partner's Next Steps

- Develop an ELDS Modernization Plan

  - Data Governance
  - Infrastructure Integration
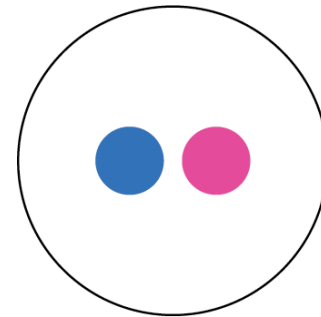 - Implementation Timeline
  - Budget Recommendations

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