

# *RWJF Common Ground*

## **Building Bridges: Reducing Chronic Disease in California**

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# Common Ground



## Building Bridges: Reducing Chronic Disease in California

- Business of Public Health
- Data & Information
- Role of “The State”
- Next Steps



## Common Ground: Transforming Public Health Information Systems

- More effective and efficient business processes that support essential public health services and functions
- Increased awareness about informatics principles and collaborative requirements
- Informed stakeholders at all levels of government

# Chronic Disease Grantees



## Grantees represent breadth of public health organizations

- California Health and Human Services Agency (CA)
- State of Minnesota Department of Health (MN)
- State of Missouri Department of Health and Senior Services (MO)
- State of Rhode Island Department of Health (RI)
- State of South Carolina Department of Health and Environmental Control (SC)
- State of Wisconsin Department of Health and Family Services (WI)
- Coconino County Health Department (AZ)
- Kitsap County Health District (WA)
- Public Health Authority of Cabarrus County (NC)
- Louisiana Public Health Institute (LA)

# Common Ground Steps



**Year 1**

**What do we  
do now?**

Business  
Process  
Analysis

**Year 2**

**What should  
we do?**

Business  
Process  
Redesign

**Year 3**

**How do we  
do this?**

Requirements  
Definitions

# Common Ground Expectations



- Training and Planning for Public Health Informatics and Business Processes
- Create roadmap (requirements) to help define functionality needed from a chronic disease information system  
*(Independent of disease)*

# Common Ground Process



## National Collaborative

- Define the Business Processes in Public Health in relation to Chronic Disease
- Contribute our experience and knowledge
- Participate in mutual decisions of group

## California

- Focus on Business Processes with respect to data and information needed for Chronic Disease at the state and local levels

Both processes in parallel

# California Vision



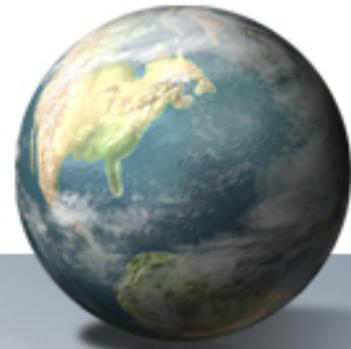
*To ensure broad systematic access  
to standards-compliant, secure,  
geographically-referenced  
information about Californians  
affected by chronic disease.*

# CHHSA Outcomes



- 1) Define the **business processes** required to address information needs for chronic disease prevention, control, and evaluation
- 2) Describe **current data systems** for chronic disease and how well they support the above business processes
- 3) Create a means for providing **informatics training** for the CDHS and all other CHHSA departments

# CHHSA – Year 1



Work with the CDHS Data Resource Inventory conducted last year to:

- **Work toward the data**

(Data fields collected, documentation, definitions, use restrictions, associated policies, etc.)

- **Work toward the business case**

(How do we use the data, what data do we use, what data do we wish we had, can we find and obtain the data we have)

- **Expand to include data throughout Agency**

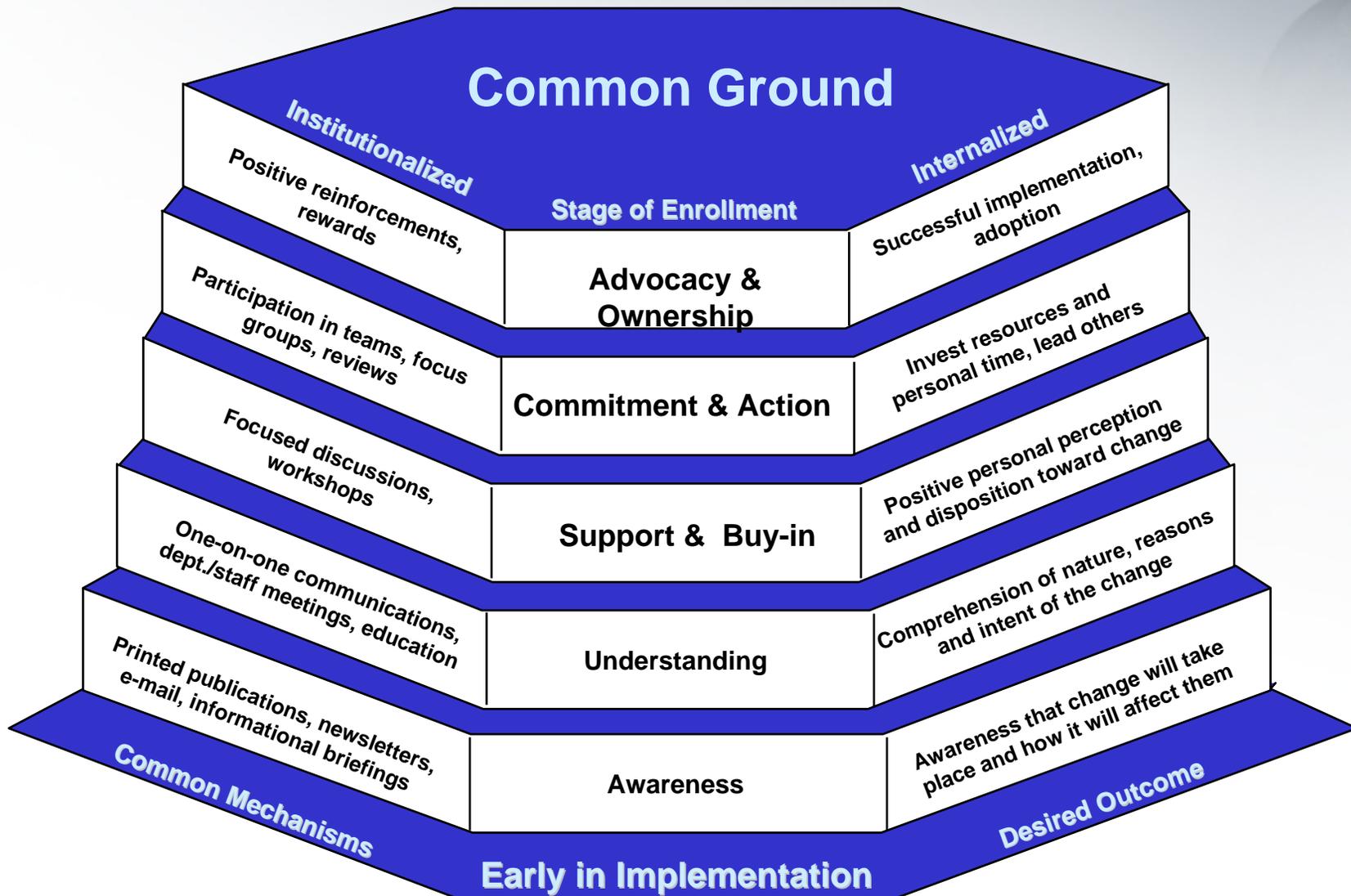
(Build on California Healthcare Information Inventory conducted as part of CHIPP funded by RWJF)

# Defining our Business



- Understanding what we do
  - Finding Common Ground
- Paradigm Shift
  - Changing how public health describes its work
- Public health as a bi-directional information broker

# Building Understanding



# Informatics



## The Automation of Information

- Giving you the system that allows you to find the answers you need
- Developing methods for judging if information systems support the work you do
- Streamlining systems to reduce redundancy and improve quality

# Public Health Informatics



***Public Health Informatics*** - the systematic application of information and computer science and technology to public health practice, research, and learning (*Public Health Informatics and Information Systems, 2003*)

***Public Health Mission*** - "Fulfill society's interest in assuring conditions in which people can be healthy." (*IOM, 1998*)

***Public Health Core Functions*** - Assessment, Policy Development, Assurance (*IOM, 1998*)

# Data & Information

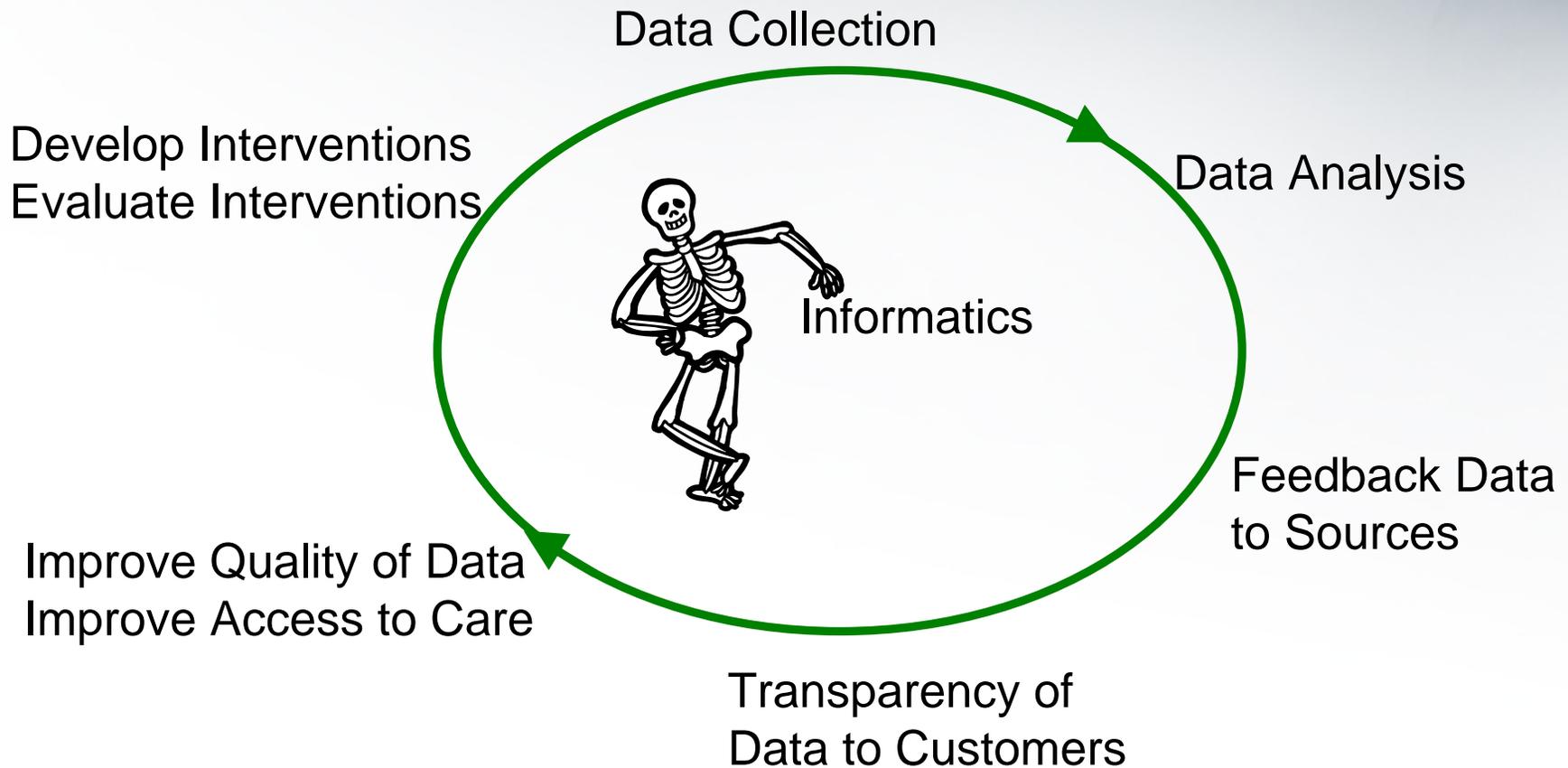


***Data*** - A measurement or characteristic of the person or the thing that is the focus of an information system

***Information*** - Data placed in context with analysis

- Data Sources – Collection
- Data Systems – Transferring & Delivering
- Business Needs – Using & Deciding

# Data Circle



# Why Focus on Data ...



*Evidence-Based Decisions*

*Program Placement*

*Improve Quality through Increased Transparency*

**Do you have the Data and Information you need?**

# Moving into the Future



- Need for timely, accurate information
- Real-time strategic decisions in place of Reactionary-delayed decisions
- New data sources in Electronic Health Records & Health Information Exchange Efforts
- Public Health as an Information Broker
- Support funding that is not disease specific
- Engage vendor support through collaborative requirements definitions to develop needed products

# The Information Process



- Data Collection
- Data Organization & Processing
- Data Analysis Methodology
- Perform Data Analysis
- Communicate & Disseminate Information
- Workforce & Staff Skills

# New Relationships



- Common Ground Program is building new relationships
- Partners outside of the traditional public health
- Interweaving of public health with clinical care to improve individual care and decrease overall burden of disease

# “The State” Role



## **Goal**

Secure, web-based, role-based system that facilitates clinical information and public health information to the right people at the right time

- Best practices
- Standards setting and creation
- Facilitation
- Coordination
- Leadership

# Next Steps



- Staffing to support new functions
- Training for current and new staff
- Participation with standard setting groups
- Re-evaluate public health business processes
- Use Common Ground to improve our infrastructure

# Common Ground



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# Thank you!



## *Common Ground*

Building Bridges: Reducing Chronic Disease in California

# *Questions?*

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