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NY ISO IT Strategic Initiatives

Business Issues Committee Meeting Thursday January 25, 2001



Agenda

- Introductions
- Overview of IT Strategy and Initiatives
- Background on Project Process
- Current Projects
 - Short-term Deliverables/Scope
- Looking Ahead
- Q & A



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Overview



Background

- Oct/Nov 2000 - 5 week strategy workshop
 - Objective
 - To understand NYISO business priorities in order to create a long term IT vision for the future
 - Attendees
 - Market Participants Representing
 - LSEs and TOs
 - Cross-functional NYISO team



Background (continued)

- Oct/Nov 2000 - 5 week strategy workshop
 - Outcomes
 - Business Priorities
 - 2+ year strategy/plan
 - “ISO Scorecard”
 - Tool to measure progress



Business Priorities

1) Data Accessibility

→ Problem:

→ Providing internal and external customers access to accurate data at the appropriate level of detail

2) Interoperability/Real Time Access to Data

→ Problem:

→ Internal and external customers can not perform real time analysis of data



Business Priorities (continued)

3) New Marketplace Systems

→ Problems:

- External customers do not have a common user experience for all interactions with the NYISO
- No current ability to provide custom content based on user attributes (personalization)

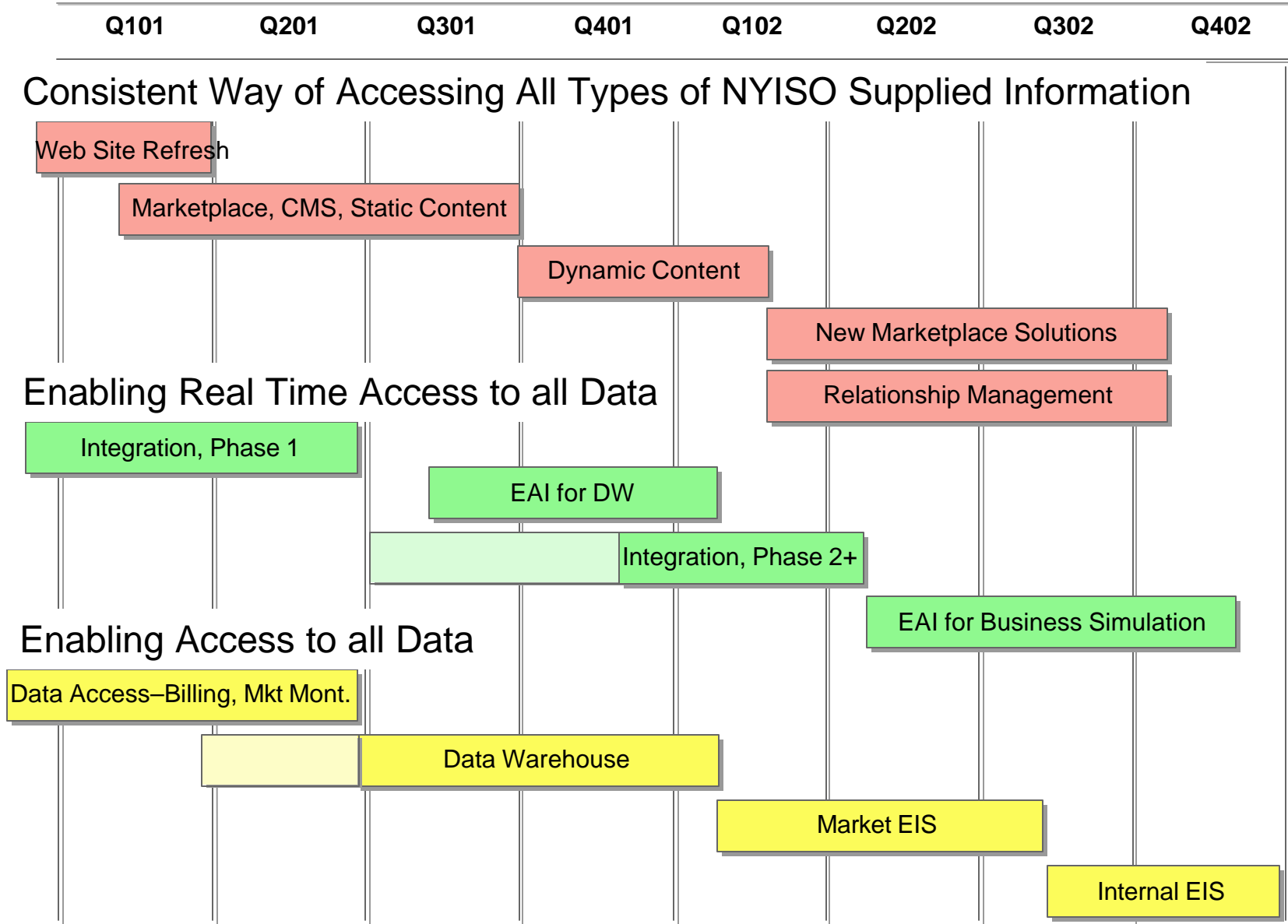
4) Improved Customer Management

→ Problem:

- Inability for NYISO to consistently manage customer relationships and communication

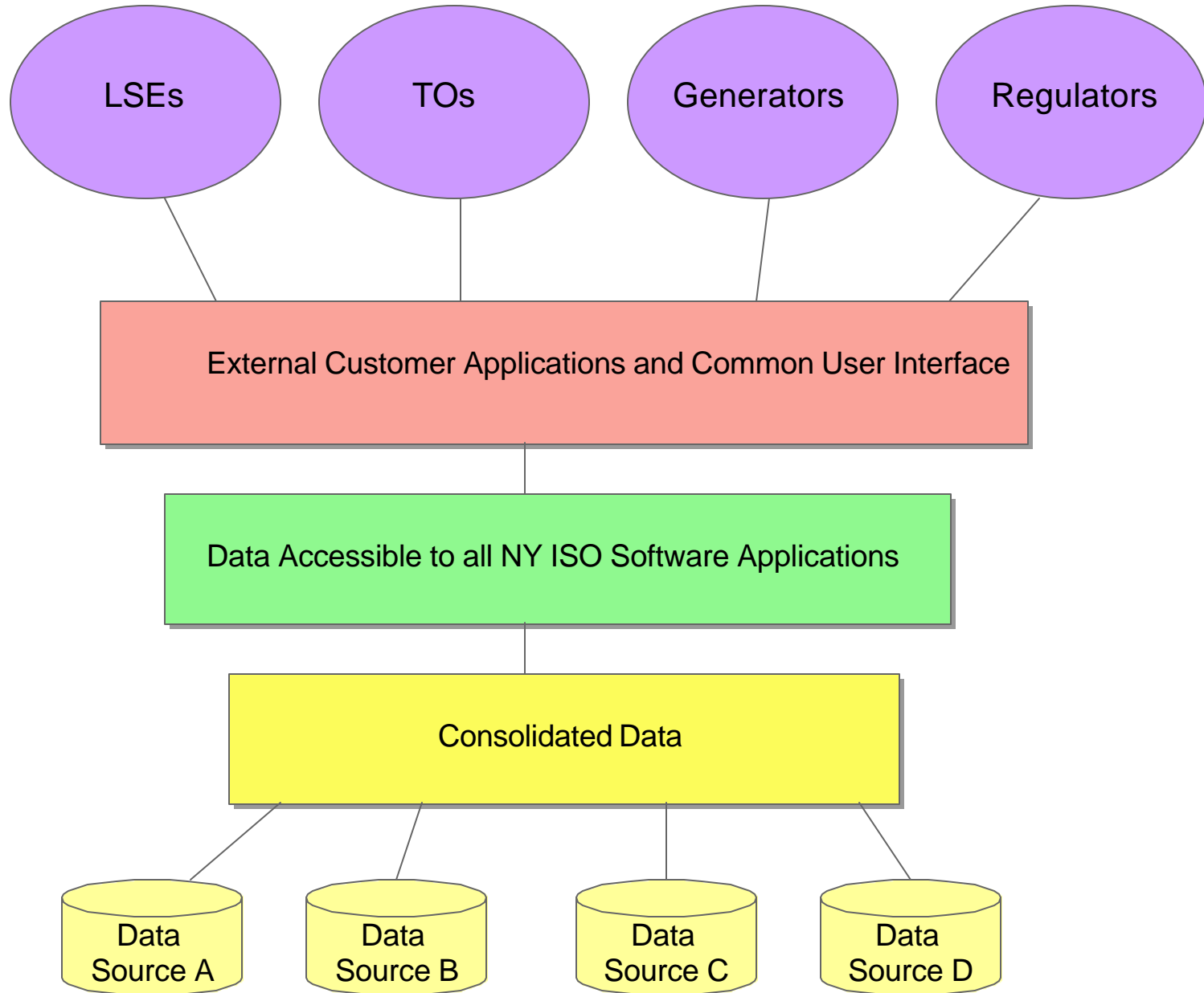


High-level Project Plan





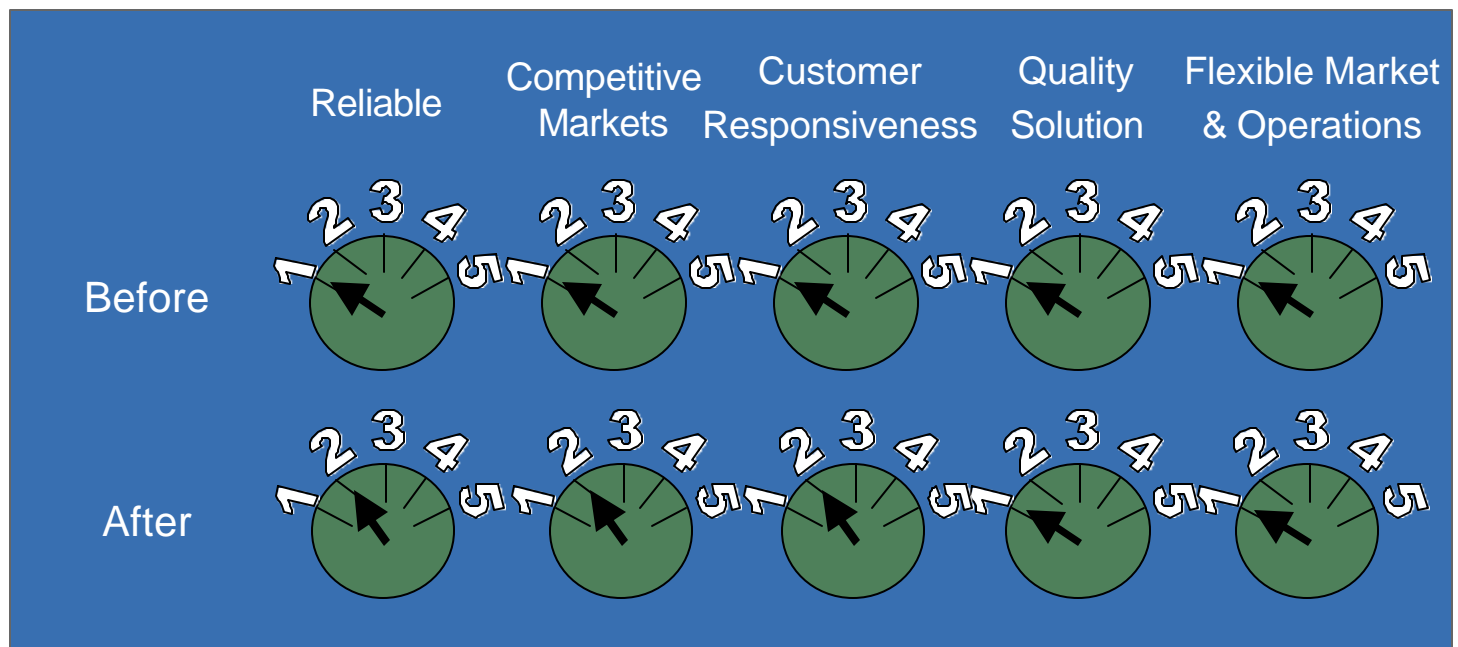
Convergence of 3 Tracks (Long-Term)





Tool to Measure Business Value

- Defined an “ISO Scorecard”
 - Tool to measure business value of new technology solutions at logical points in time throughout 2 year plan
 - Based on business metrics





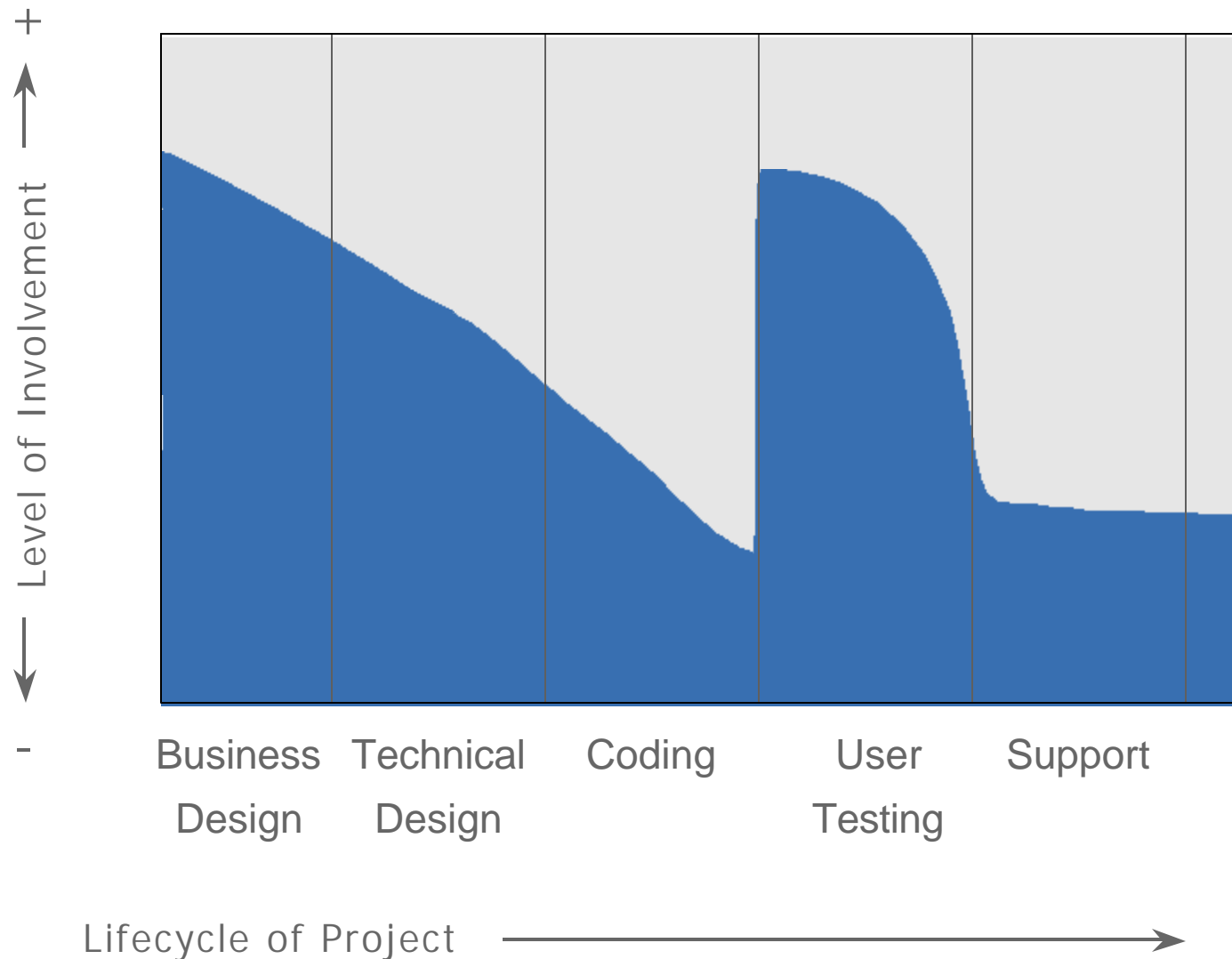
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Background on Project Process



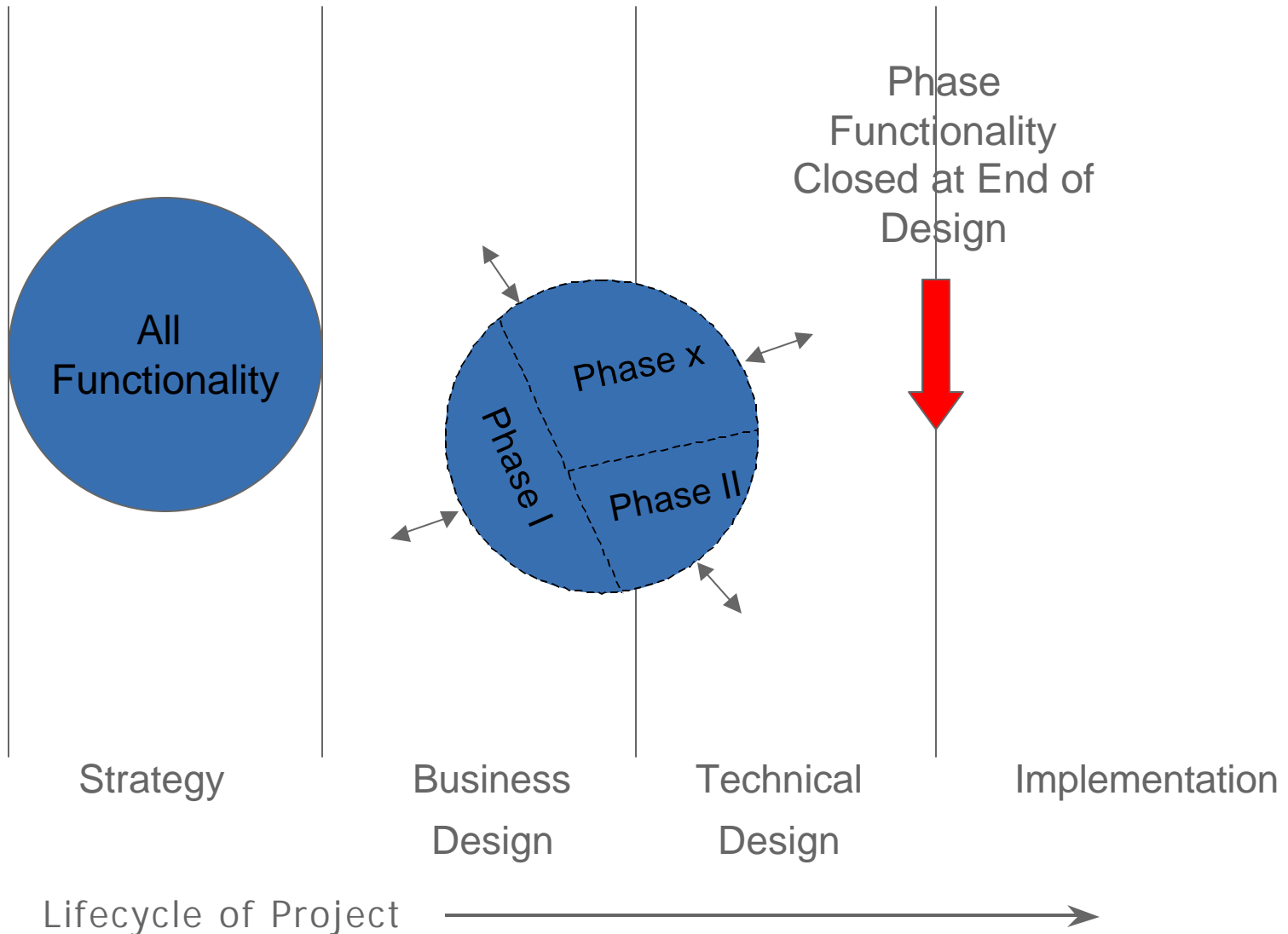
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Project Life Cycle & When We Need Your Help





Defining Scope is Iterative





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Current Projects



Web Site Refresh - Current Scope

Q101

Q201

Q301

Q401

Q102

Q202

Q302

Q402

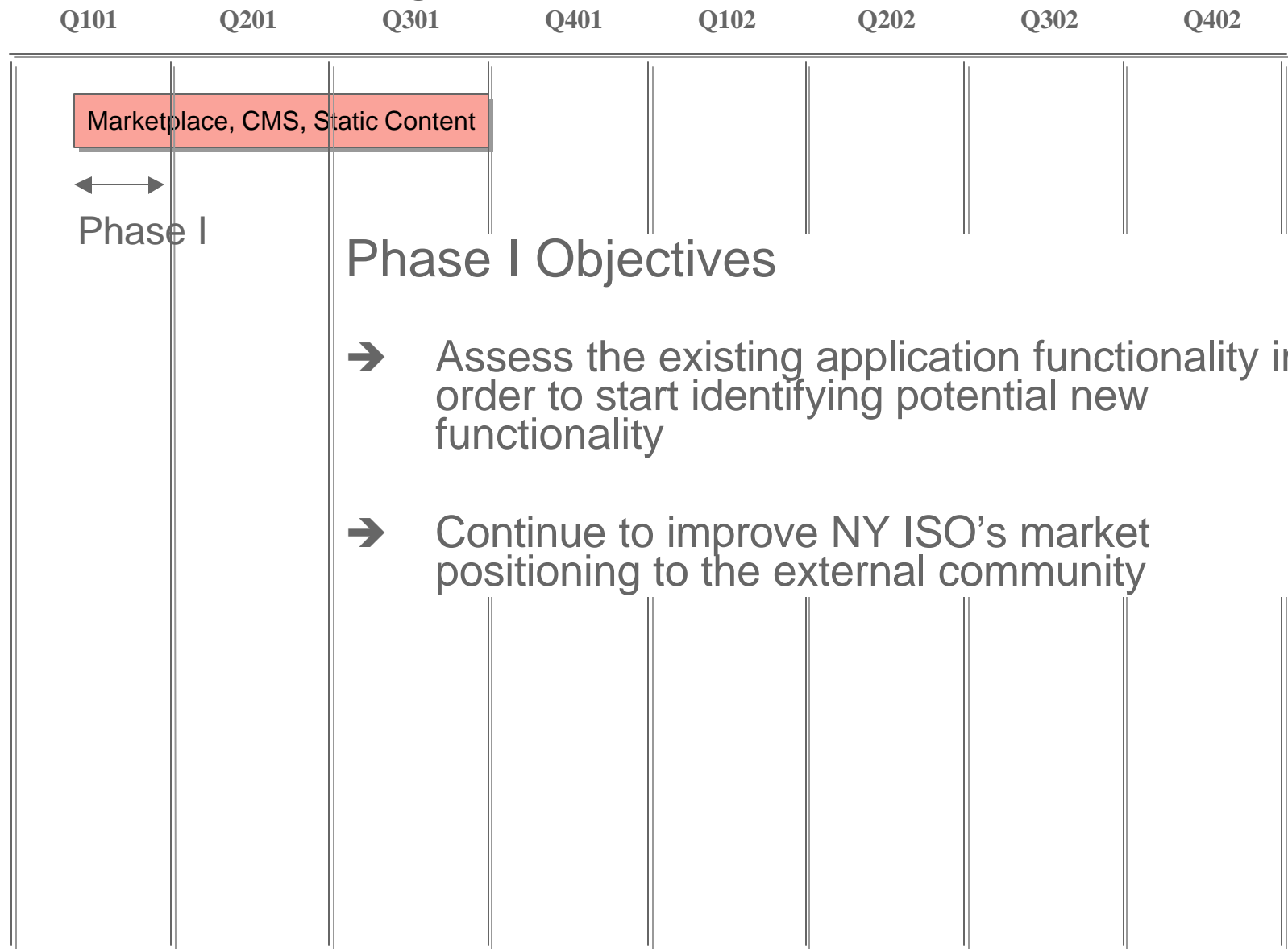
Web Site Refresh

Current Scope

- Ability for customers to more easily access information
- NYISO conveys “look and feel” more in line with being an advanced technology company



Marketplace/On-line Presence - Phase I Objectives





Integration Track - Phase I Current Scope

Q101

Q201

Q301

Q401

Q102

Q202

Q302

Q402

Integration, Phase 1

Current Scope

- Ability for NY ISO customers to access real-time business critical data not currently accessible in real-time:
 - NYCA Internal & External Interface Limits & Flows
 - PAR Limits & Flows
 - Zonal Forecast & Actual Loads
 - Zonal Capacity Forecast & Actual Capacity Outages
 - Limiting Constraints
 - Real-time Events Notification



Billing Track - Phase I Current Scope

Q101

Q201

Q301

Q401

Q102

Q202

Q302

Q402

Data Access—Billing, Mkt Mont.

Current Scope

- Ability to Drill Down on Pre-Bill Data
 - Access to meter and load data
 - Data source
 - Calculated load values

- Ability to Drill Down on Post-Bill Data
 - Access to underlying bill details
 - Drill down from hourly to SCD level

 - Future capability - drill down to the 6-sec level



Market Monitoring Track - Phase I Current Scope

Q101

Q201

Q301

Q401

Q102

Q202

Q302

Q402

Data Access–Billing, Mkt Mont.

Current Scope

- Ability to more proactively identify potential gaming activities
- Ability to monitor LSE bidding activities
- Ability to proactively monitor Generator performance using historical data



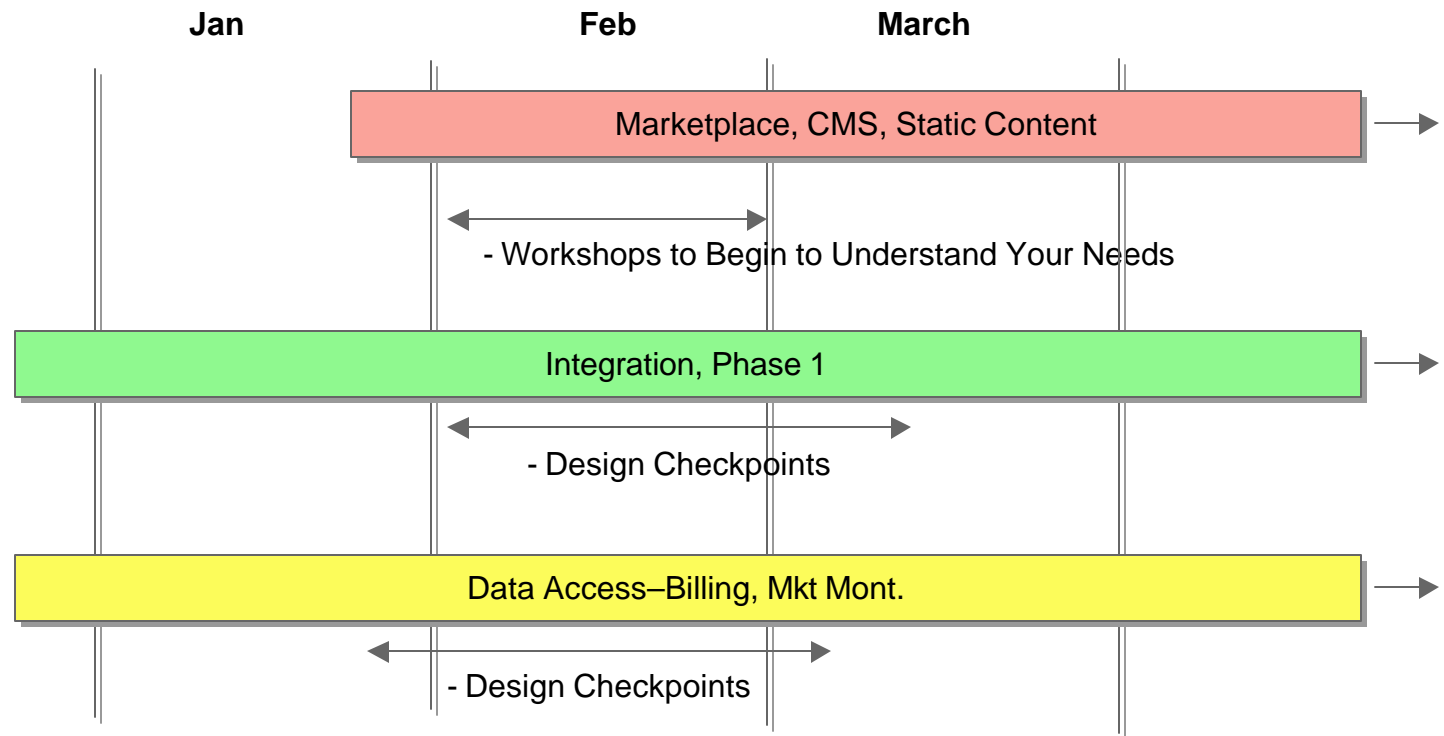
Looking Ahead

- Cross-Project Track Communication with BIC, in order to:
 - Collect input on your priorities
 - Monthly checkpoints with this group to review progress for all project tracks



Looking Ahead (continued)

→ Project Level Customer Involvement





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Questions?