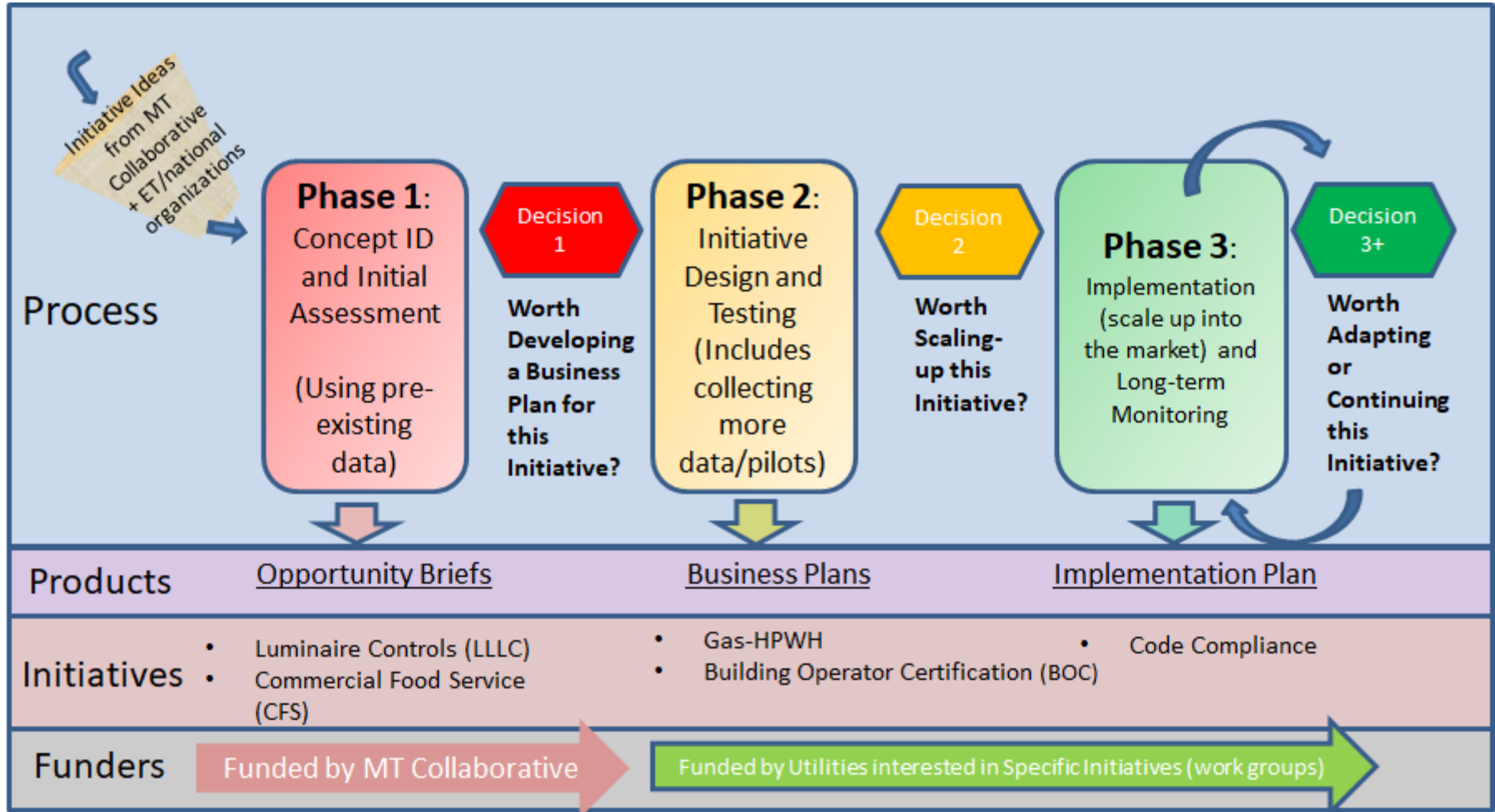


Midwest Market Transformation Initiatives: Update



MT Initiative Process



Luminaire Level Lighting Controls (LLLC)

- Status
 - Opportunity Brief complete
 - NEEA recently launched their LLLC initiative; also launched study to define if additional energy savings from HVAC control strategies (possibility of dual-fuel benefits)
- Plans for 2020
 - Business/Implementation Plan: Recruiting Working Group participation by interested utilities
 - ComEd, Ameren IL, Xcel Energy (MN)
 - Potential for 2020 implementation, in coordination with NEEA

Code Compliance Implementation Plan

- Status
 - MEEA completed the residential and commercial code compliance baseline studies in late 2019, final reports delivered to Nicor Gas, ComEd, Peoples Gas / North Shore Gas, Ameren IL
- Plans for 2020
 - MEEA in process of developing a Code Compliance Implementation Plan to present to Nicor Gas, ComEd, Peoples Gas / North Shore Gas, Ameren IL
 - Plan to present document to MT SAG Working Group in Q2

Commercial Food Service

- Status
 - Food Equipment Rebate (FER) Pilot program
 - Midstream/distributor engagement and incentive program
 - 16 dealers signed onto the program already
 - Online portal for tracking and participation
 - Work started on CFS baseline to support potential full-fledged MT program, on track to complete in Q2 of 2020
- Plans for 2020
 - Continued delivery of FER Pilot program
 - Development of MT Business Plan and Implementation Plan
 - Nicor Gas, ComEd, and Peoples Gas and North Shore Gas plan to meet in late 2020 and evaluate the CFS baseline results, FER pilot results, and the business plan
 - Collaborative decision on whether to move forward with a MT pivot in the CFS space, or stay with a midstream program

Gas Heat Pump Water Heaters (GHPWH)

- Status
 - Business Plan activities:
 - Completed MT logic model and Market Progress Indicators in coordination with Northwest Energy Efficiency Alliance
 - Conducting WH market characterization research for Nicor Gas to help establish the baseline and inform MT implementation activities in service territory
- Plans for 2020
 - Finalization of Business Plan and Implementation Plan
 - Complete WH market characterization research, expanded to national scale
 - Launch field demonstrations of GHPWH in Nicor Gas service territory
 - Development of savings baseline
 - Launch national and local MT intervention strategies

Potential MT Initiative Opportunities

2020 MW MTC Members Selected the Following for Opportunity Briefs:

- Residential Advanced Windows
 - Thin triple window savings can range from 25% to 50% over conventional double glazing, depending on the frame type and window configuration; thickness and weight similar to standard double pane; residential retrofit/new construction
 - Detachable Low-E Storm windows: newer low-e storm window attachments can be operable or fixed to match existing window function; don't need to be removed like traditional storm window, alternative to double pane window replacement
- Commercial Window Attachments
 - Insulating window attachment retrofits installed over existing glass and framing systems to achieve performance levels similar to triple glazing. Target market are existing buildings built between 1945 and 1990 that with low-performing windows, particularly single-glazed
- Electric Heat Pump Water Heater
 - Residential/commercial water heater products currently available and on the market, ENERGY STAR qualification. Opportunity to drive market adoption and new federal minimum efficiency standard

Thank You



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