



GRID EDGE ANALYTICS – THRILL CUSTOMERS & DRIVE ASSET PERFORMANCE

JUNE 4, 2019

VALENTINE EMESIH, VP OPERATIONAL TECHNOLOGIES AND MARKETS



CAUTIONARY STATEMENT



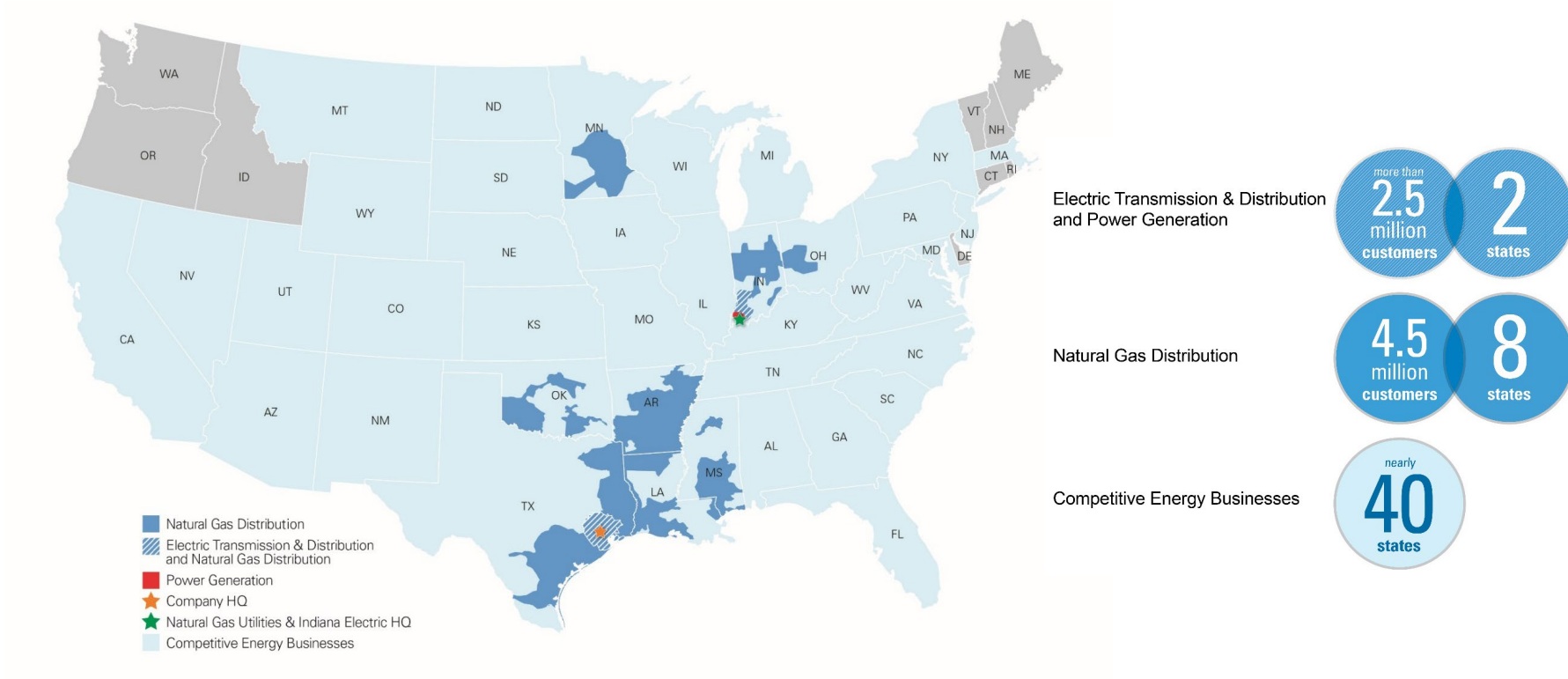
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Some of the factors that could cause actual results to differ from those expressed or implied by our forward-looking statements include but are not limited to the timing and impact of future regulatory, legislative and IRS decisions, financial market conditions, future market conditions, economic and employment conditions, customer growth, Enable's performance and ability to pay distributions, and other factors described in the Company's Form 10-K for the year ended December 31, 2017, CenterPoint Energy's Form 10-Q for the quarter ended March 31, 2018 under "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations—Certain Factors Affecting Future Earnings" and in other filings with the Securities and Exchange Commission ("SEC") by the Company, which can be found at www.centerpointenergy.com on the Investor Relations page or on the SEC's website at www.sec.gov.

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CENTERPOINT ENERGY - OUR BUSINESSES



- Change is accelerating
 - Successful businesses of the future must quickly embrace and adapt to change
- Digital business Transition is accelerating
 - New way to Create, Deliver, and Capture value
 - Customers reward organizations that wrap every product and service with digital capabilities.
 - We must manage privacy and how we create Trusted digital connections
- Analytics & AI will be central to Digital Business
- People & Change Management – Vital to Success

Companies see value from analytics everywhere from automation to strategic decision making

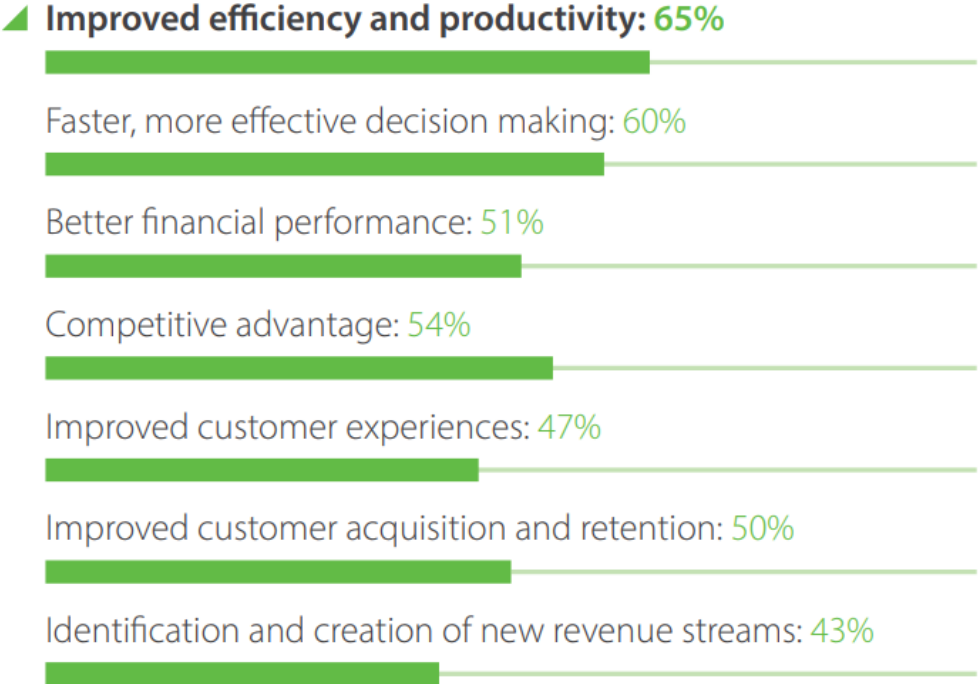


Most CEOs recognize the power of data-driven transformation. They certainly would like the **20% to 30% EBITDA gains** that their peers are racking up by using fresh, granular data in sales, marketing, supply chain, manufacturing, and R&D.

Boston Consulting Group – 2017

MicroStrategy’s 2018 Global State of Enterprise Analytics Survey asked respondents what benefits has your organization realized through your analytics use?

UNITED STATES



[Microstrategy's Study Link](#)

3 – Dimensions:

- Analytics Excellence
- Data Management Excellence
- Continuous Change Management Excellence

D&A Leadership for the Digital Era Requires Mastering Three Vectors of Excellence

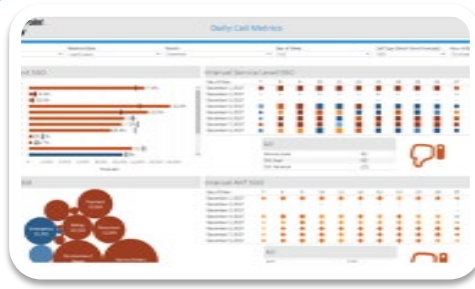


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Analytics in Action

Use cases that are currently driving value for CNP



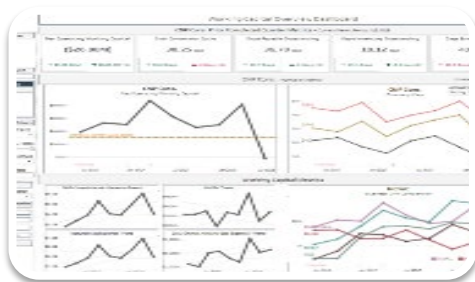
Customers: Transforming Customer Satisfaction into Customer Loyalty by becoming Our Customer's Preferred Energy Solutions Provider (e.g. PAS, IVR, HSP North and South, etc.)

- **HSP North Revenue Growth Project:** Analyzes Customer Behavior to Identify Growth Opportunities
- **HSP North Propensity Model:** Predicts Likelihood of CNP Customers to Purchase New or Additional Products
- **CIP Dashboards:** Increasing CNP's C&I and Residential Conservation Improvement Program Capabilities



Operations: Ensuring Reliability, Recoverability, and Resiliency Through Safe and Compliant Operational Excellence

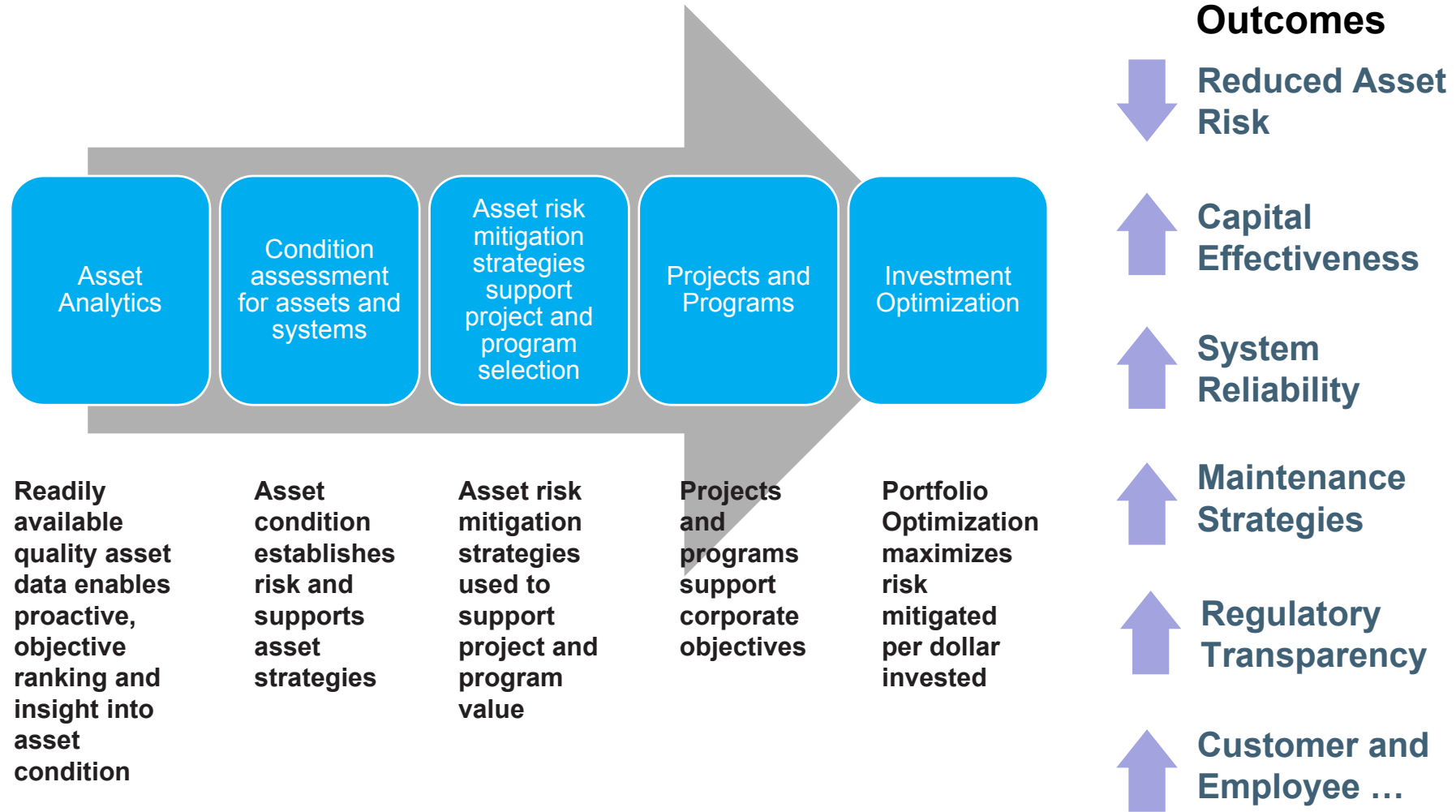
- **Predictive Maintenance & Services (PdMS):** Increased Reliability By Predicting Asset Failures
- **Situational Awareness:** Allows Vendors to Solve Problems Without CNP Assistance
- **Safety Dashboards:** Allows Teams to Monitor Their Safety Metrics In Real Time



Finance: Leveraging Technology to Optimize Financial Decision Making, Budgeting, and Forecasting

- **Enterprise Load Analysis:** Accelerates Load Study Reports To Quickly Fulfill Regulatory Requirements
- **Working Capital Dashboards:** Provides Timely And Relevant Data For More Effective Decision Making
- **Enterprise Performance Management:** Enables Consistent And Transparent Performance Tracking

ASSET ANALYTICS ENABLE US TO ACHIEVE CORPORATE OBJECTIVES



Operations Use Case

Predictive Maintenance & Services (PdMS) and Asset Analytics



Predictive Maintenance & Services

Analytics Application (PdMS) for URD loops provides valuable insight into likelihood of "URD test" failure for capital investment, resulting in increased reliability and reductions in reactive work.

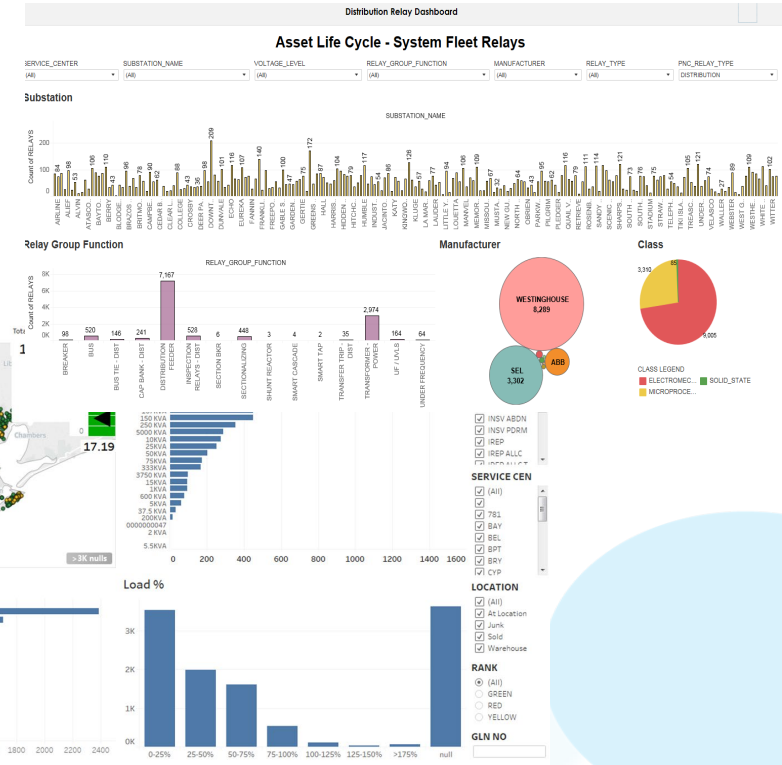
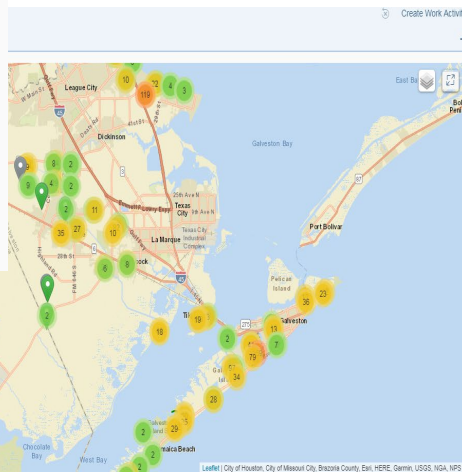
Loop x

Search Hide Filter Bar Filters (1)

AssetType:

Equipment List (17,752)

<input type="checkbox"/>	Equipment Name	Fuse ID	Circuit	Installation Year	Age	Service Center	Health Score	AssetType	Failure Score	Severity Score
<input type="checkbox"/>	> 14496822	E52R_E58R	FD15	1969	49	SUGARLAND	98	Loop	9.8	10
<input type="checkbox"/>	> 14496798	E28B_E29B	EL07	1970	48	SOUTH HOUSTON	97	Loop	9.7	10
<input type="checkbox"/>	> 14486806	18EW_E34V	LK02	1970	48	GREENSPPOINT	97	Loop	9.7	10
<input type="checkbox"/>	> 14504986	S3195_S3053	FR42	1971	47	GREENSPPOINT	95	Loop	9.5	10
<input type="checkbox"/>	> 14502073	E54J_E53J	CV08	1971	47	BAYTOWNCHANNELVIEW	95	Loop	9.5	10
<input type="checkbox"/>	> 14496877	E86R_E93R	IR05	1971	47	H.O. CLARK	95	Loop	9.5	10
<input type="checkbox"/>	> 14496977	F42L_F43L	FR44	1971	47	GREENSPPOINT	95	Loop	9.5	10
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<input type="checkbox"/>	> 14496974	F40T_F42T	CE02	1971	47	SUGARLAND	95	Loop	9.5	10



Asset Analytics

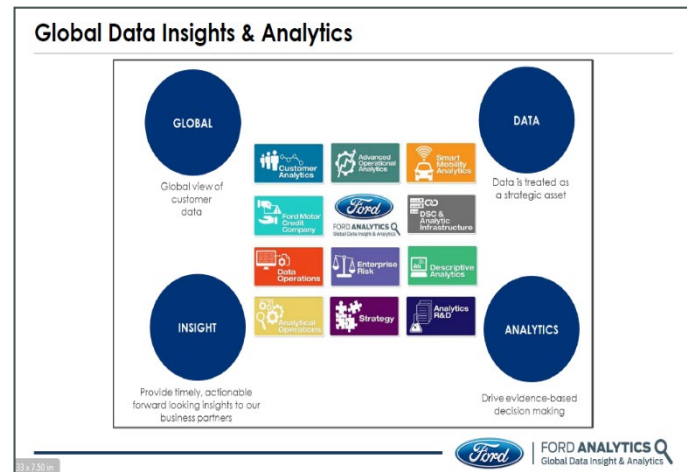
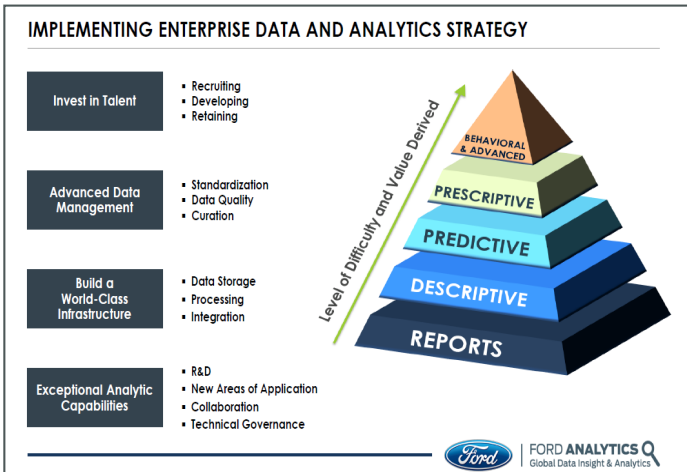
Asset Analytics shifts a historically reactive, "run to failure" asset and outage management approach to a more proactive, predictable, efficient process for managing O&M and Capital.

Stakeholder Alignment

Connect Stakeholders, Focuses on Results, Build a Path to Success

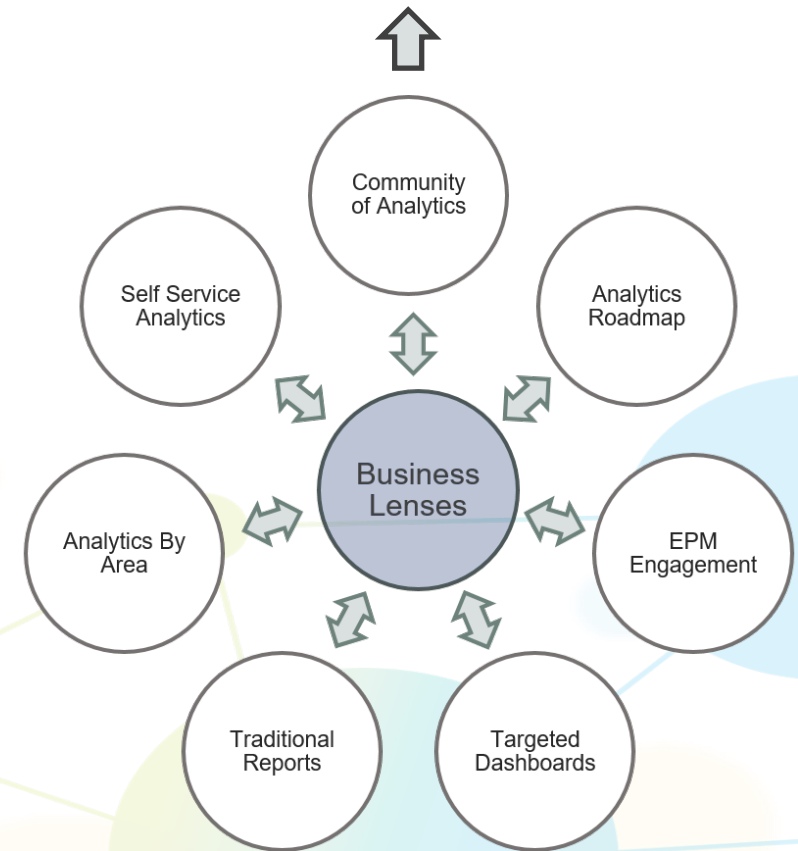


Learn from Others



Build a Framework for Success

Data Driven Outcomes



RFD – Innovate our thinking

An Enterprise Scale Approach that Aligns all Levels of the Organization to the Most Important Desired Outcomes

*“Every piece of business content in the world can be **mapped to a Lens, Sub-Lens, and Theme**—or a combination of them. Now we are starting to **forge connections** in a new and powerful way that socializes the approach to **business optimization**.”*

“9Lenses, Insight to Action – Edwin Miller”

User Adoption and Business Value Measure Future Success



From advanced analytics initiatives to self-service analysis, analytics has the potential to fundamentally change how the organization functions. However, in order for this change to occur, users need to be have access to see the data, be willing to use data, and truly understand what the data is telling them.

User enablement is a key indicator to cultural change and fundamental analytics capabilities.

QUALITY DATA – QUICK ACCESS – GROWING CAPABILITIES



Users are confidently making decisions based on their data



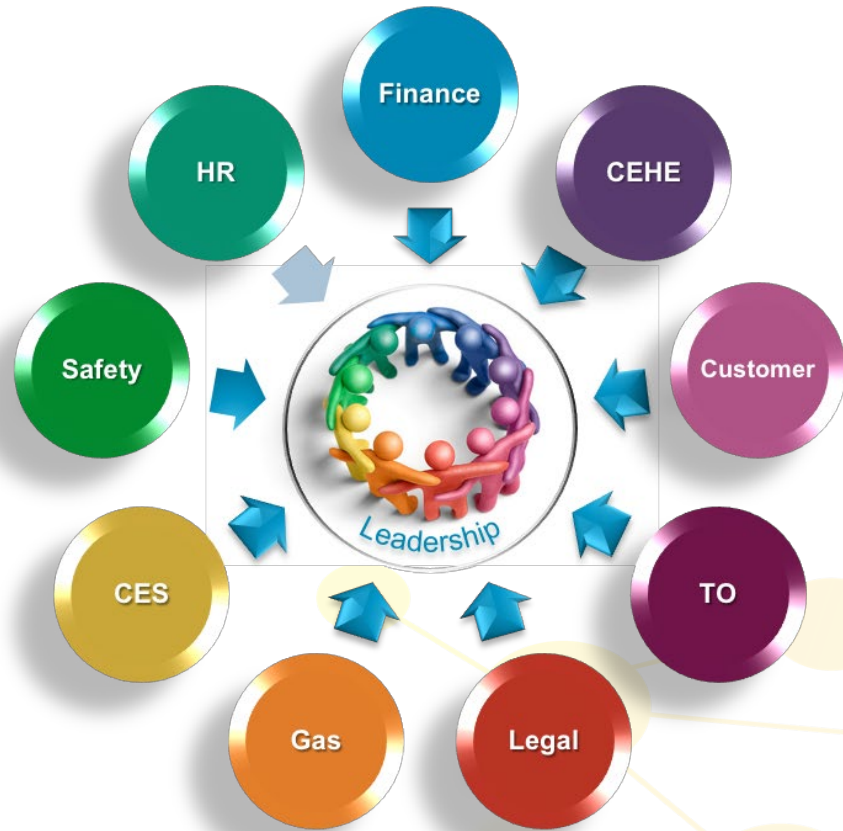
Users have quick access to data for real time decision making analysis



Users are building the necessary skills to comprehend, utilize, and innovate analytic use cases resulting in measurable business value

Community of Analytics

Mission To create and promote a *Culture of Analytics that drives business value through collaboration, education, community participation and thought leadership*



Contributions from All

- 48 Leadership members drawn from all areas
- Domain Knowledge
- Specialized Expertise

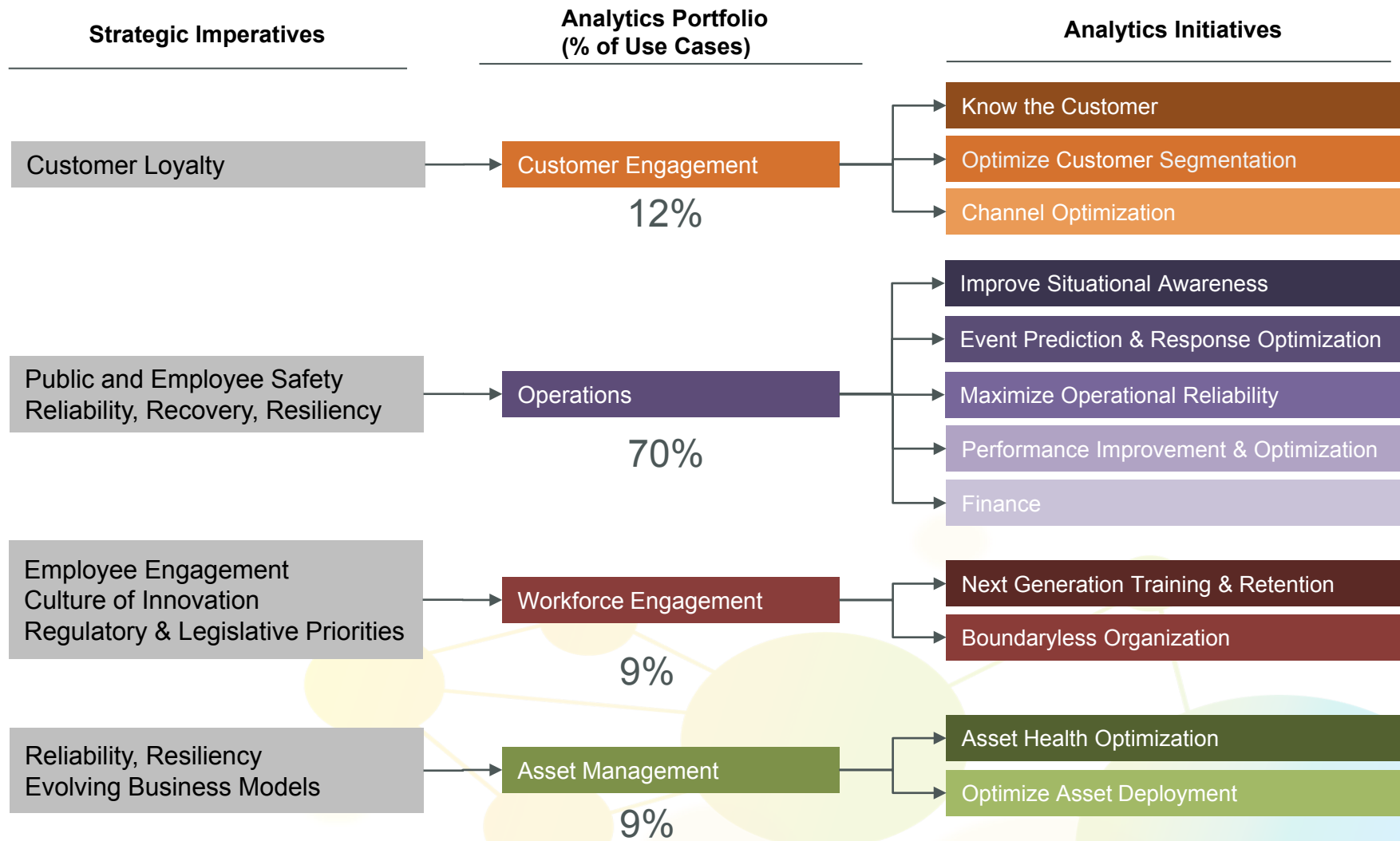
Benefits for All

- Knowledge and Idea Sharing
- Collaboration
- Cross-Organizational Communications

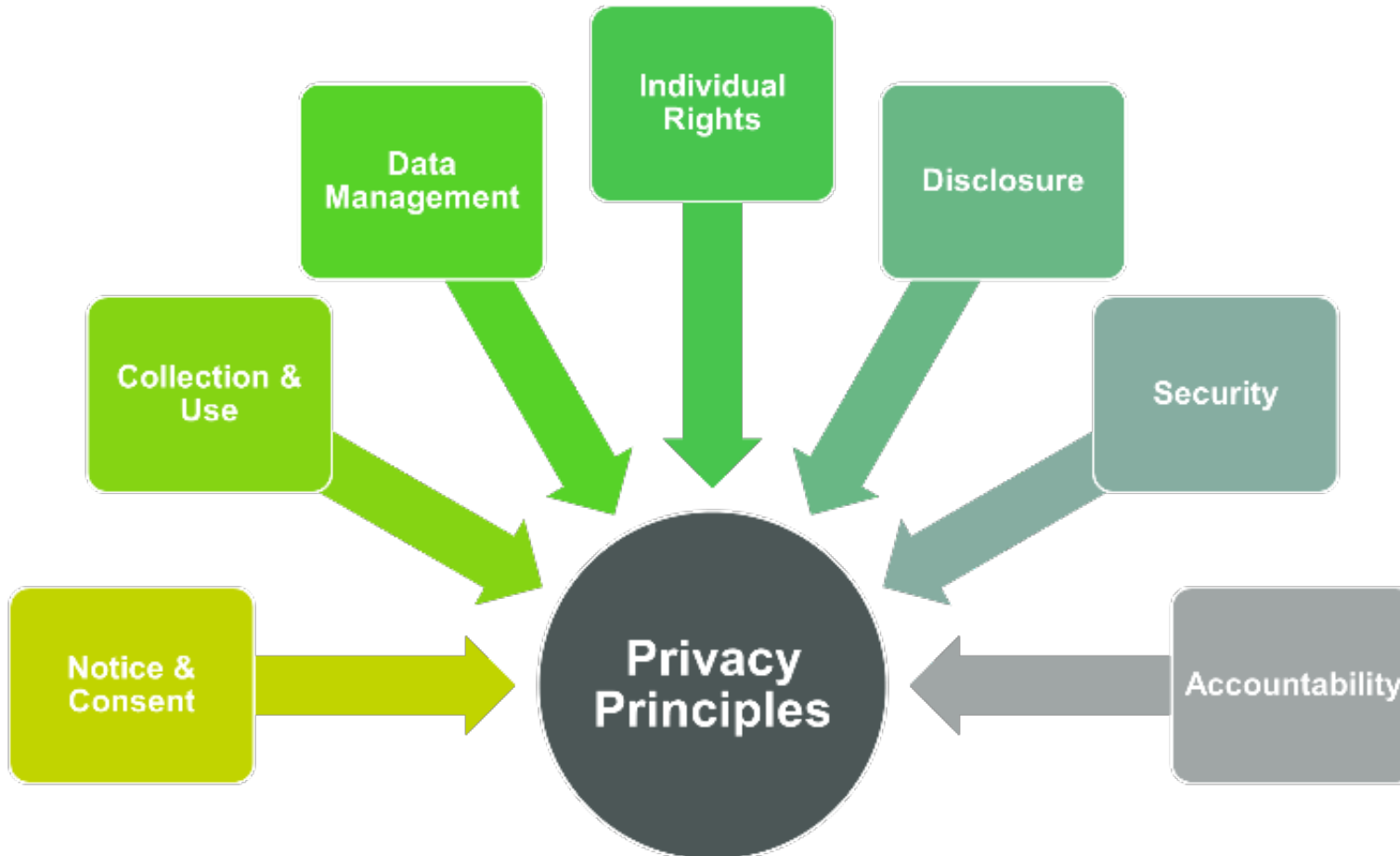
Guiding Principles

- Empower organizations with technology and knowledge
- Support organizations in a flexible manner
- Lead and Facilitate data-driven initiatives

Analytics Use Case & Capability Roadmap aligned with CNP Strategic Imperatives



REMEMBER SECURITY AND PRIVACY



- Respect Privacy
- Safeguard Data
- Enable Trust.

QUESTIONS

