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REGIONAL SEMINARS 2012

The Power of Data

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REGIONAL SEMINAR 2012

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The Power of Data

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Renewing the PI System at Iberdrola Renewables

Presented by **Brandon Lake**

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Agenda

- About Iberdrola Renewables and the PI Team
- Taking advantage of Enterprise Agreement
  - Meeting at the UC
  - Dedicated Tech Support on nagging issues
  - Field Service remote upgrades for PI Servers and Interface Patches
  - AF Coaching Session in November
- Results

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Iberdrola Renewables, LLC

A collection of exceptional assets…

- #2 owner of wind projects in the U.S. with over 5.2 GWs owned and contracted
- $9 billion of U.S. assets at over 50 installed plants
- 850 employees at the end of 2011
- 636 MW of CCGT & peaking capacity on the strategic CA-OR border
- Represents 37% of Iberdrola S.A.'s global wind capacity

US Renewables

Wind

5,200+ MW

Power

536 MW CCGT
100 MW peaking

Solar & Biomass

50 MW Solar
55 MW Biomass

Corporate Support

…focused on operational excellence and selective growth

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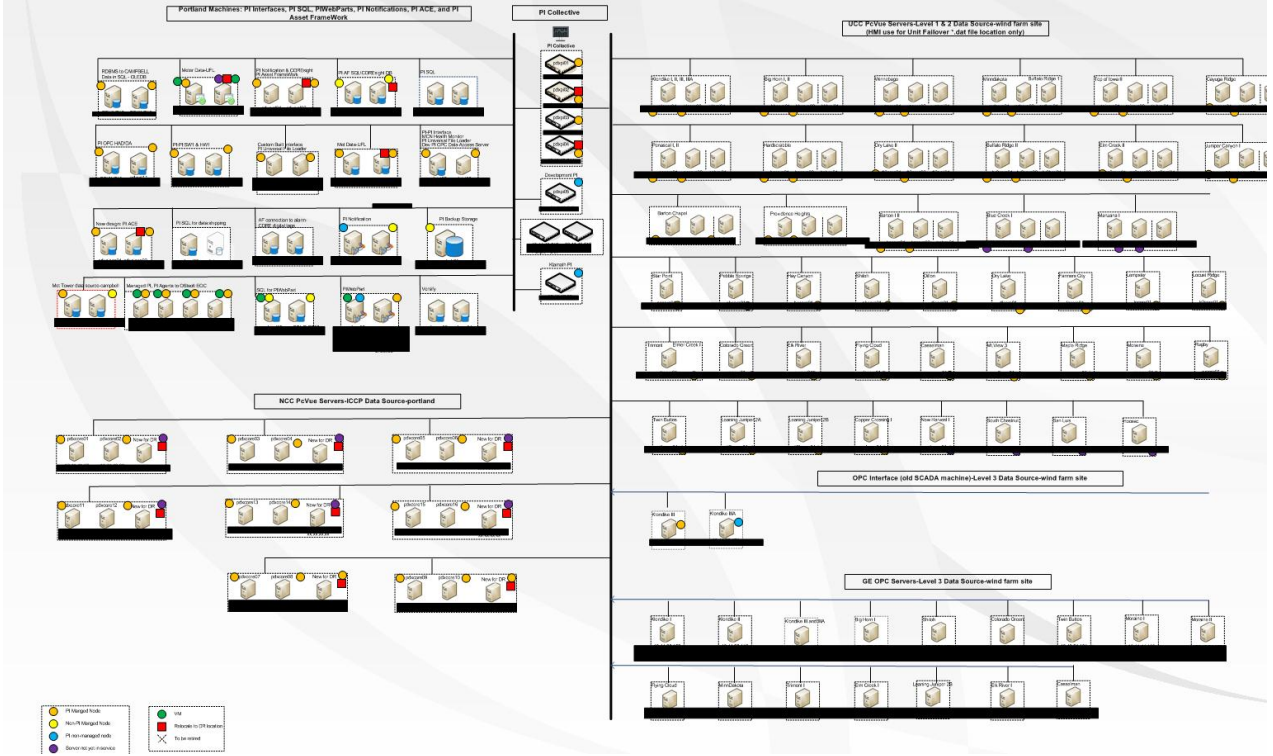
The PI System @ Iberdrola



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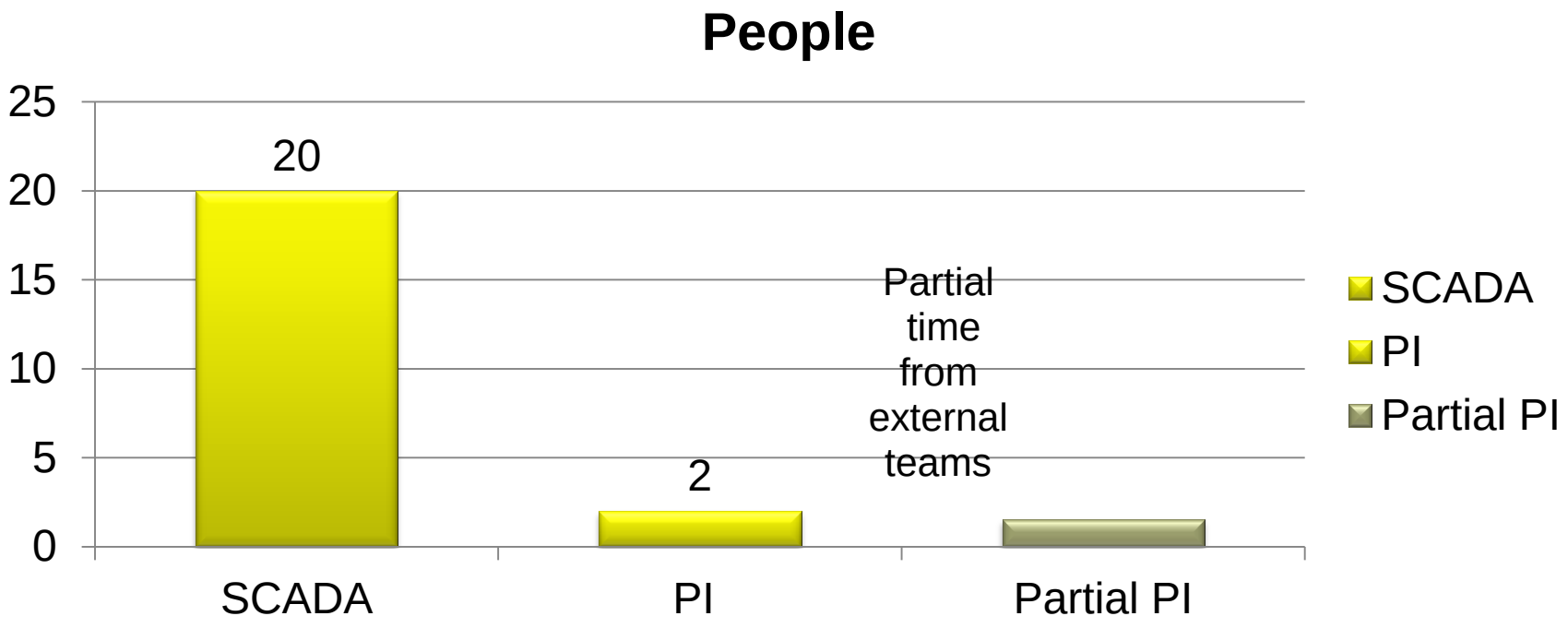
The PI Team



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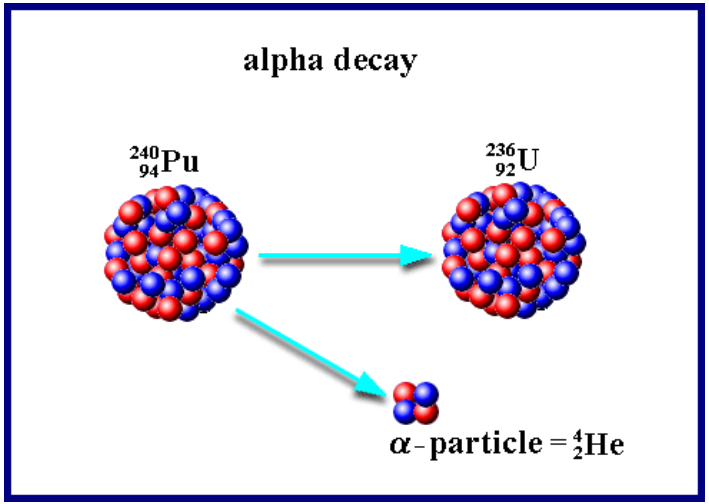
The Problem



- An Unstable System
  - Limited Resources

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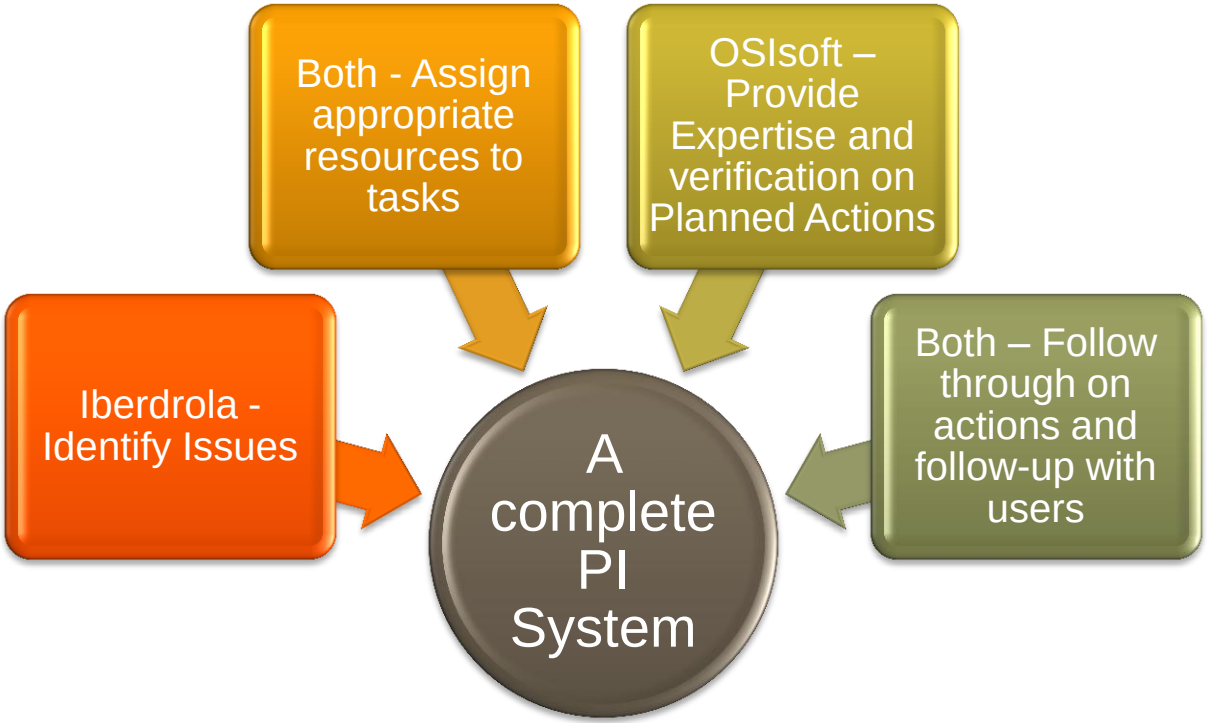
Steps Toward a Solution



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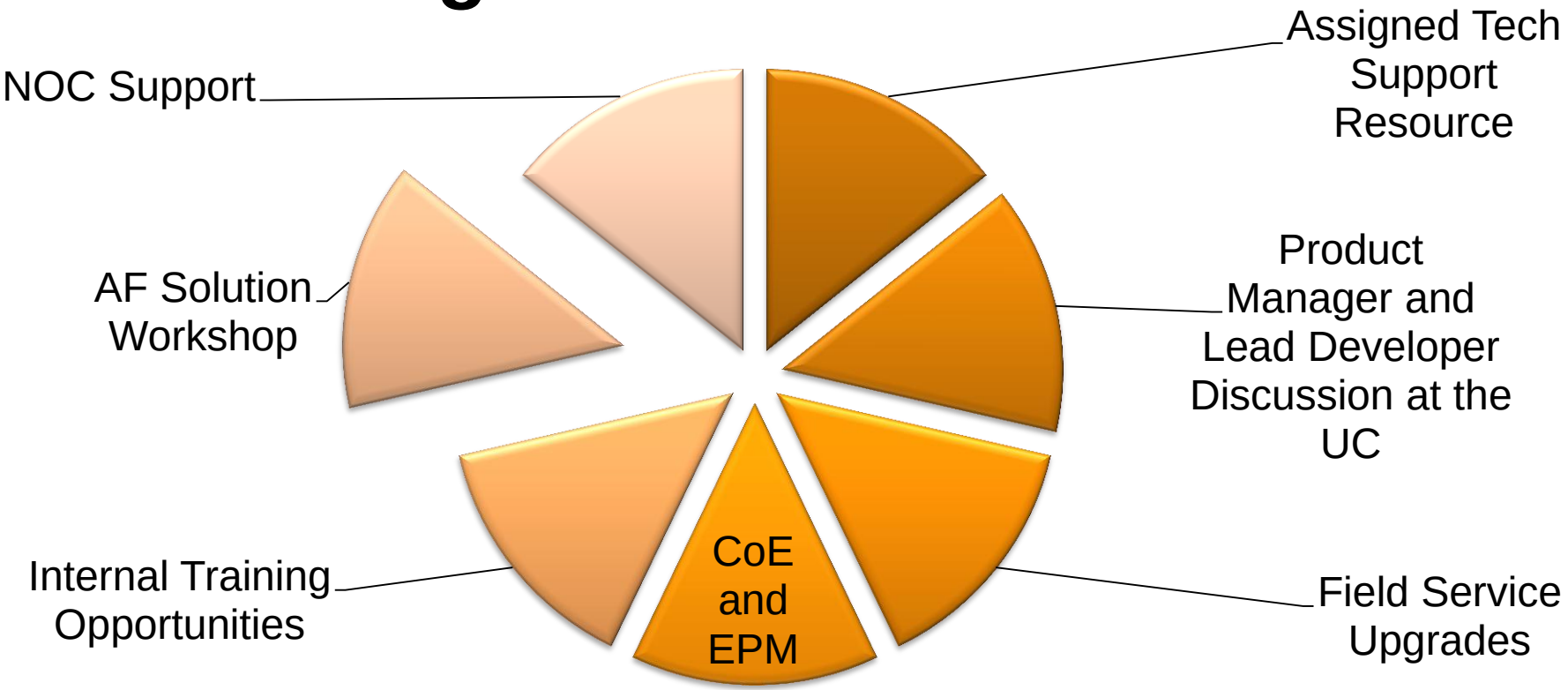
Addressing the Issues



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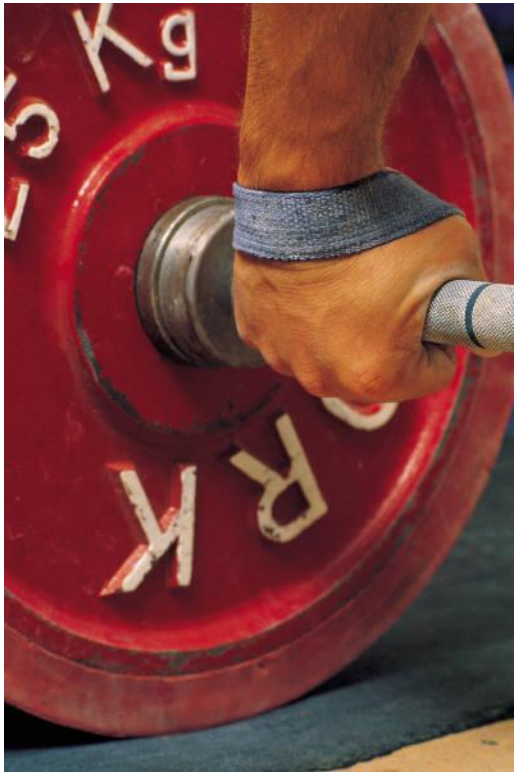
The Work

- Upgraded 83 Machines
- Configured mPI Settings
- Renaming our Tags
- Updating the Analytics Approach
- Reconfigured Interface

  and PI Servers Settings



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The Work

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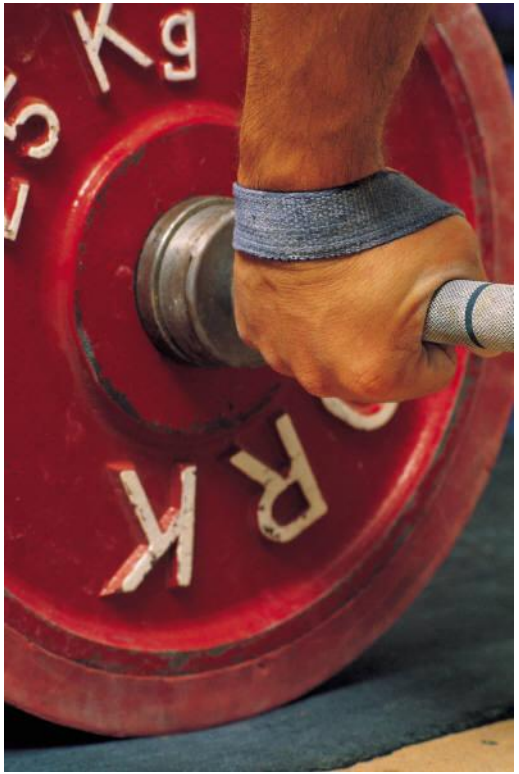

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The Results

- A better infrastructure allows quicker problem resolution
- PI Interfaces perform well with the latest version
- Customers trust the data and look for more data and ways to use it, rather than looking elsewhere

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Future work

- AF Solution Workshop
- Release of AF, PI Web Parts and PI CoreSight to the users

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The Key to a Complete PI System

With the help of OSIsoft we are well positioned with a stable PI System to unlock new potential

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Brandon Lake

Lead PI System Analyst

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THANK YOU

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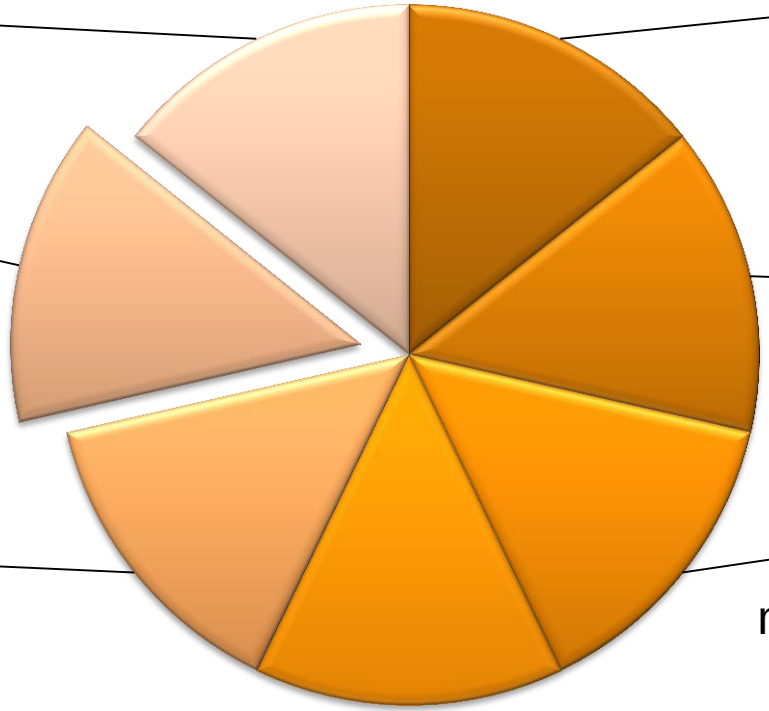
Results



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