



Keeping Score: How professional sports are enhancing environmental performance and driving bottom line results

Presented by **Scott Jenkins, VP Ballpark Operations**
Chair of the Green Sports Alliance

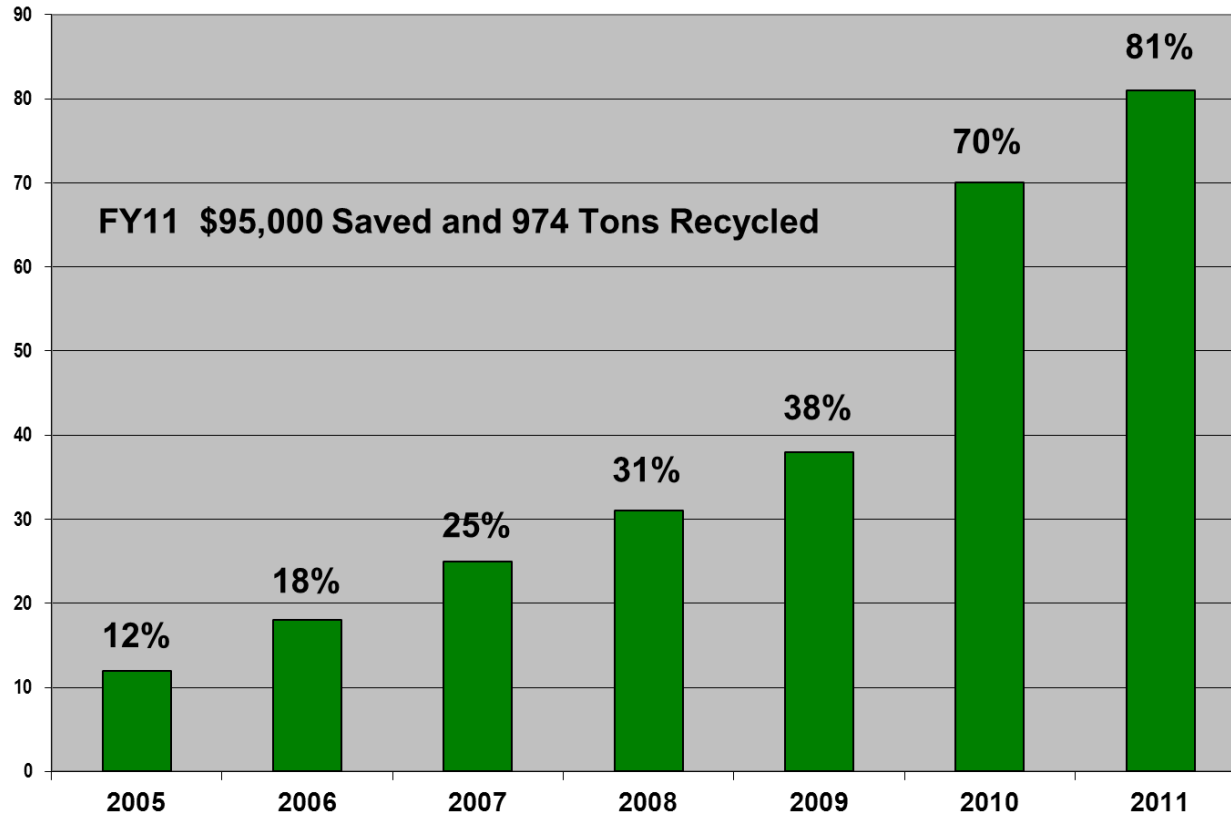


GREEN
SPORTS
ALLIANCE

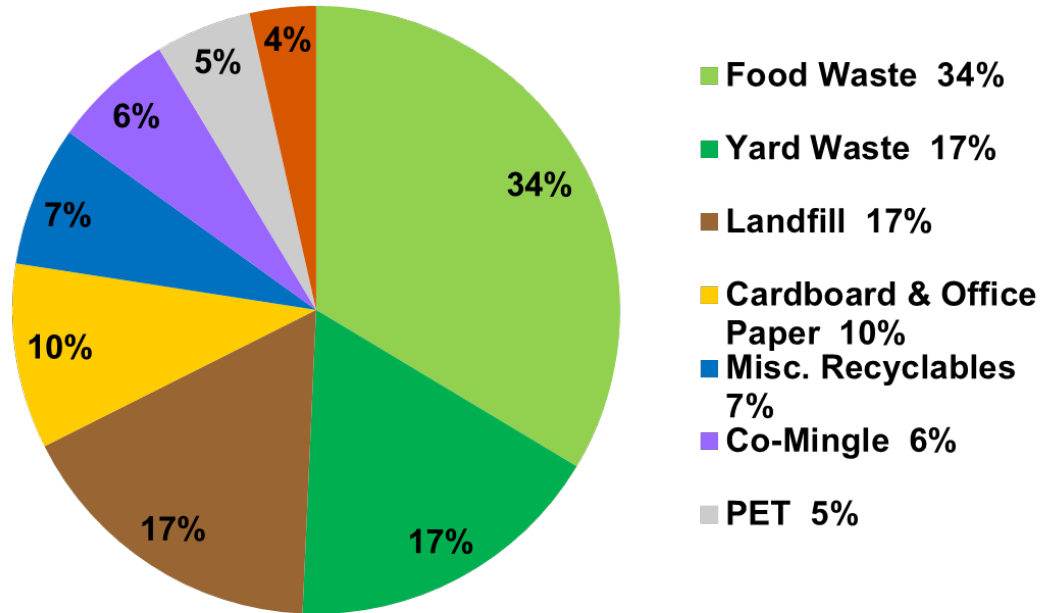
Opportunities

- **Bottom Line Savings**
- **Create Brand Value**
- **Develop Sponsorship Opportunities**
- **Influence Supply Chain – Procurement**
- **Develop Culture of Conservation**
- **Metrics – Benchmark Performance**

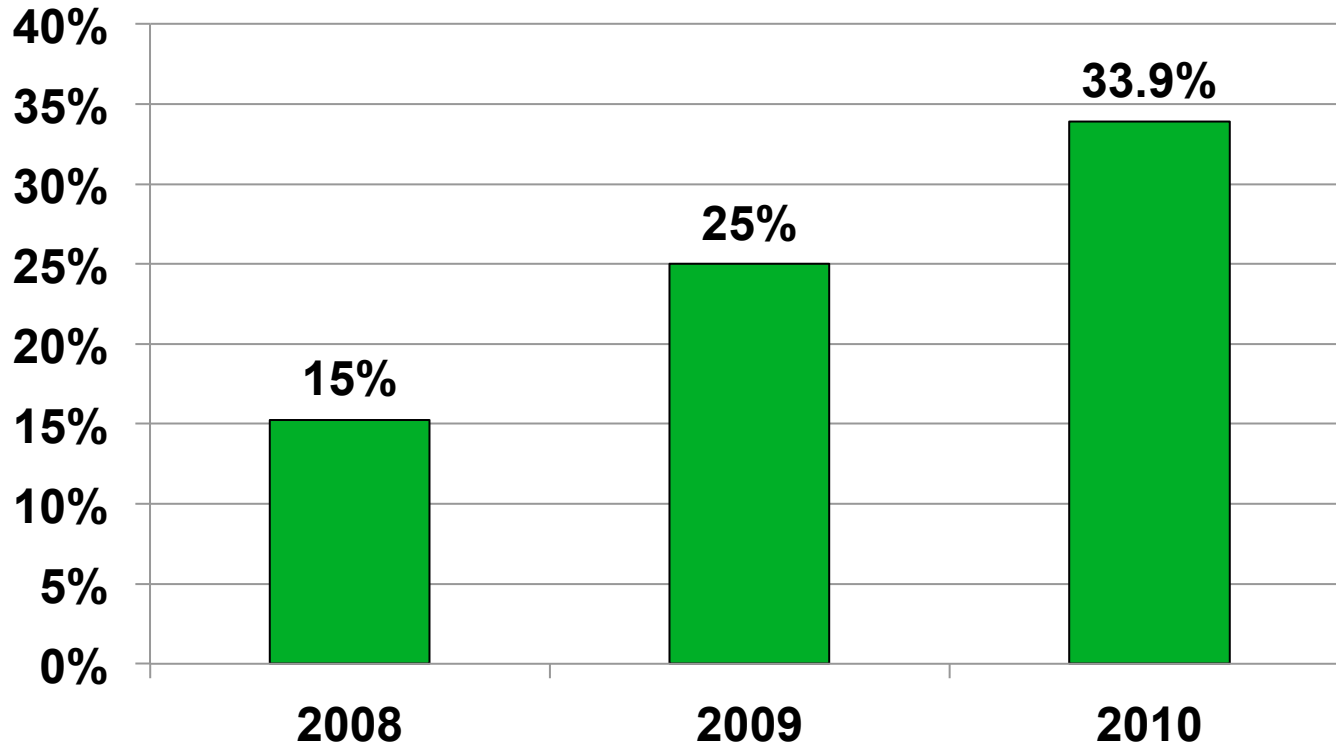
Annual Recycling Rate



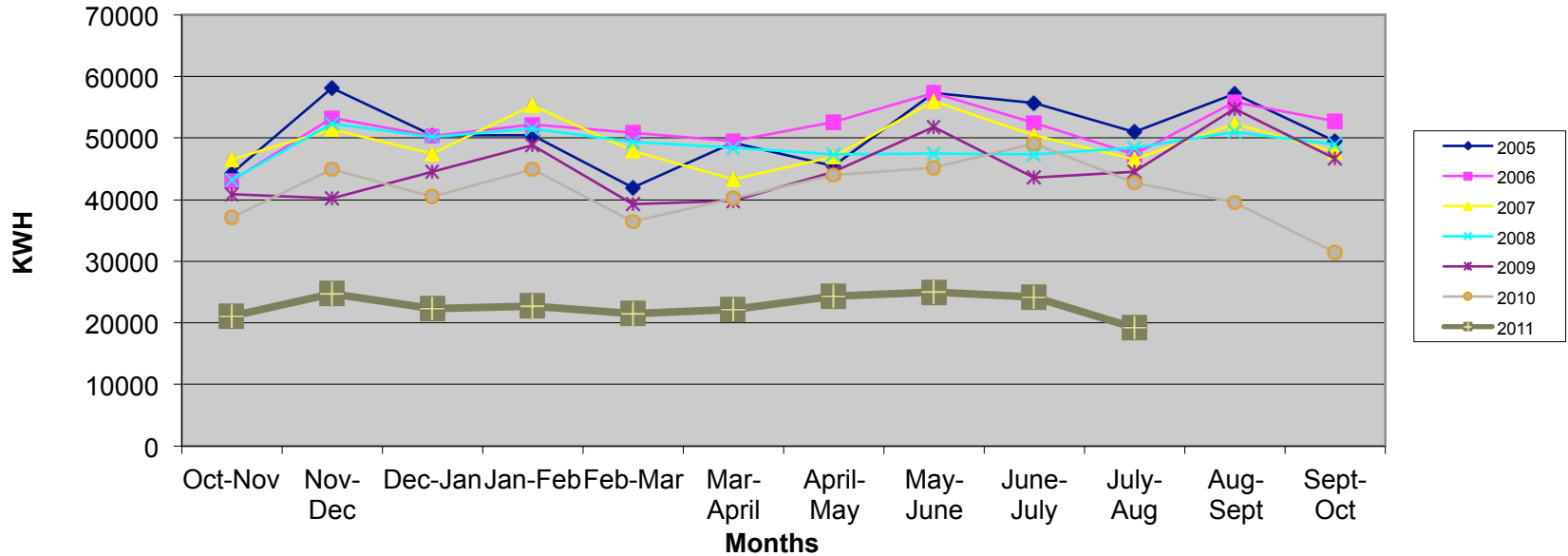
2011 Recycling and Composting



MLB Recycling Rate

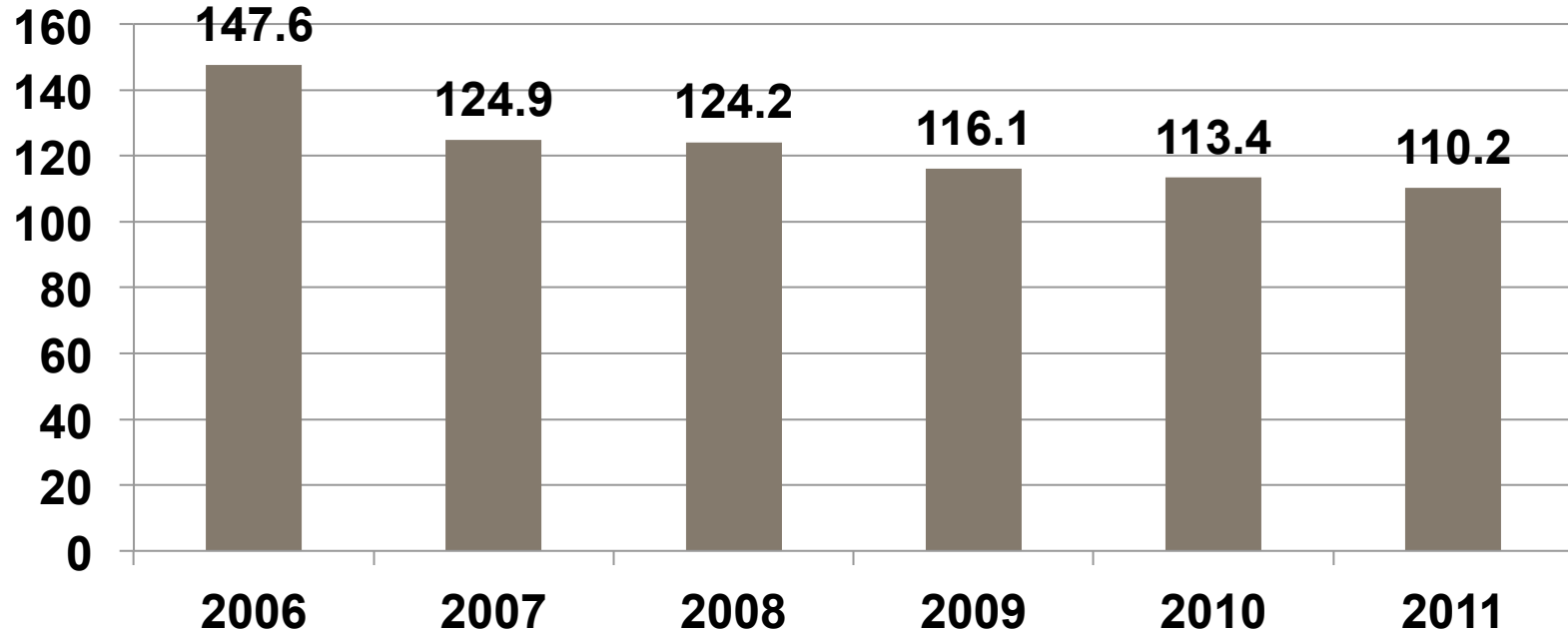


KWH Usage - Parking Garage



Safeco Field

Weather Normalized Energy Use Intensity (kBtu/Sq ft.)



JOIN THE GREEN TEAM!

Energy Savings

	2006	2007	2008	2009	2010	2011
Electric (KWh)	13,194,750	11,694,997	11,448,675	10,977,335	10,747,263	10,030,500
Natural Gas (Therms)	305,552	194,574	206,928	170,650	182,355	190,000
Water (CCF)	26,898	27,653	24,154	24,793	20,500	21,000
Sewer (CCF)	21,747	22,431	19,027	19,412	14,300	18,600

	Cost					
	2006	2007	2008	2009	2010	2011
Electric (KWh)	\$ 755,389	\$ 562,694	\$ 598,198	\$ 513,440	\$ 655,583	\$ 624,900
Natural Gas (Therms)	\$ 349,135	\$ 248,474	\$ 231,080	\$ 211,580	\$ 153,316	\$ 165,433
Water (CCF)	\$ 94,572	\$ 90,735	\$ 80,767	\$ 104,395	\$ 95,794	\$ 101,337
Sewer (CCF)	\$ 143,492	\$ 166,265	\$ 148,220	\$ 169,724	\$ 128,414	\$ 170,000
TOTAL	\$ 1,342,588	\$ 1,068,168	\$ 1,058,265	\$ 999,139	\$ 1,033,107	\$ 1,061,670
\$ SAVED	\$ -	\$ 274,420	\$ 284,323	\$ 343,449	\$ 309,481	\$ 280,918

5 yr Savings \$ 1,492,590



Utility Dashboard

- Real time information
- Automated event reports
- Share and compare with MLB



OSIsoft Products

- PI Coresight
- PI Server
- PI Interface
- PI Web Services
- PI WebParts
- PI AF (Asset Framework)

Developing the use of these to support our main objectives:

- PI Batch
- PI BatchView
- PI OPC Alarms & Event Services

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THANK YOU

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