

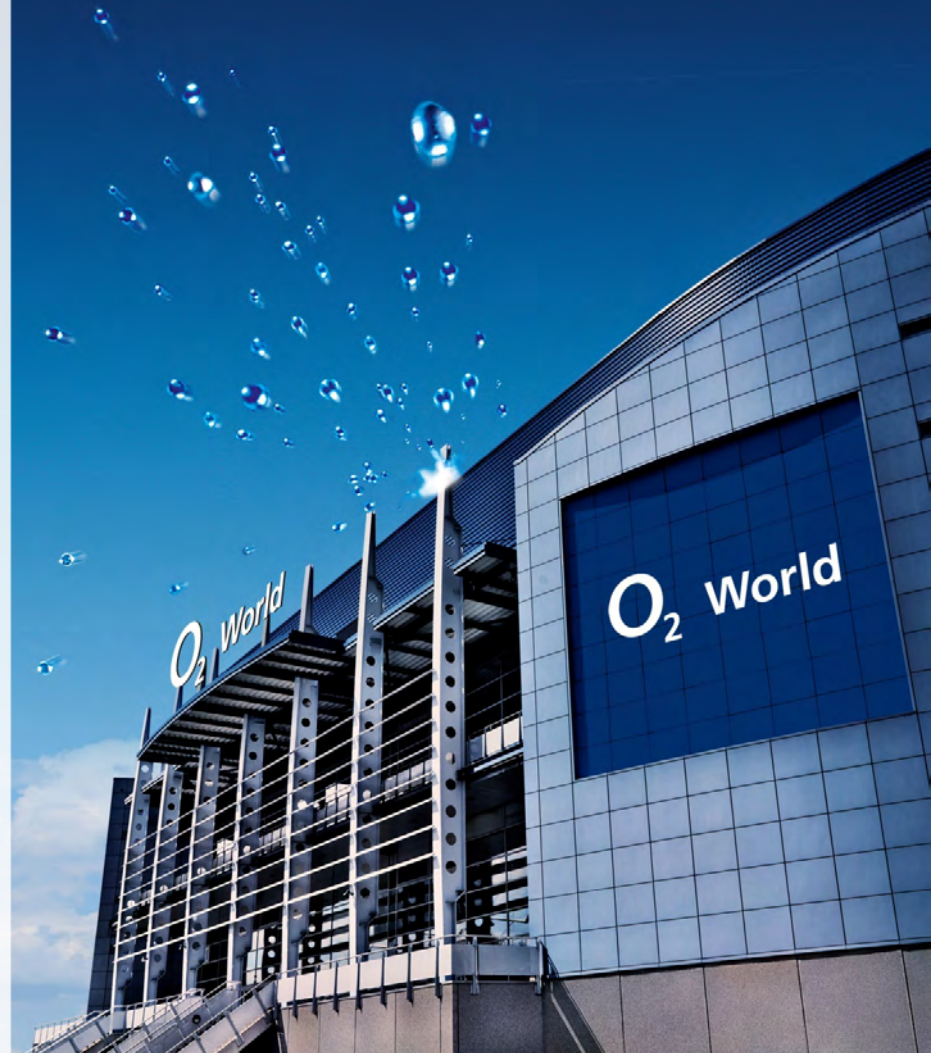
Anschutz Entertainment Group

O₂ World Hamburg



Agenda

- 1 Anschutz Entertainment Group (AEG)
- 2 O₂ World Hamburg
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1 Anschutz Entertainment Group

Anschutz Entertainment Group

Worldwide leading company for Live Entertainment and Sport

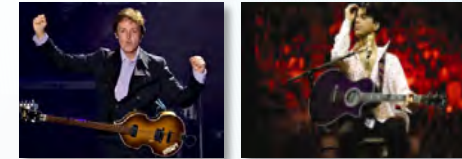
- Global reach
- 115 Locations on 5 Continents
- 17,500 Employees
- More than 7,500 Concerts and 1,000 Events per year worldwide
- World's biggest owner of sports teams/ events
- World's second biggest concert promoter
- World's biggest independent film producer







The AEG Network



World Class Sports Content



World Class Venues



World Class Music Content

2 O₂ World Hamburg

Major entertainment facility in northern Germany, flagship venue for Hamburg and the metropolitan region.

O₂ World Hamburg

Major entertainment facility in northern Germany, flagship venue for Hamburg and the metropolitan region

- Opened November 2002
- Multi-functional usability for all kinds of events
- Building size: 150 x 110 x 33 meters
- Capacity: Up to 16,000
- 140+ events per year
- Up to 1.4 million visitors p.a.

Two home teams / first division

- Hamburg Freezers (Ice hockey)
- HSV Handball (Handball, German Champion 2011)





O₂ World Hamburg



Anchor Tenants – Hamburg Freezers & HSV Handball



3 AEG1Earth

One platform – many opportunities



The AEG 1EARTH program includes:

- 2020 Environmental Vision and Goals
- Environmental Highlights
- Environmental Sustainability Report
- AEG Ecometrics



2020 Environmental Vision and Goals

Energy and Climate

20% reduction in greenhouse gas emissions (CO2 intensity)

15% of all electricity usage derived from renewable energy sources

Recycling and Waste Diversion

25% of all solid waste diverted from landfill

75% solid waste diversion rate at 50 percent of AEG's venues (Updated in 2012)

Water Conservation

20% reduction in water use intensity

Sustainable Purchasing

50% of total spent on designated "high impact products and services" to be environmentally preferable

Education

100% of AEG facilities and venues include environmental messaging and information available to staff, partners and guests



Environmental Highlights

Carbon emissions decreased nearly 10% per attendee in 2011 compared with 2010

18.5% of total energy consumption from renewable sources

Total solid waste that we divert from landfill has increased from 11% in 2007 to 42% in 2011

Water use per guest has fallen 16% from 2007 to 2011, putting AEG well on target to meet its 2020 environmental vision goal

Water recycling increased by 88% from 2007 to 2011



Environmental Sustainability Report

AEG is the first company of its kind to produce an environmental sustainability report.

AEG's 2012 Environmental Sustainability Report is a snapshot of AEG's environmental performance at 58 AEG owned and managed facilities.

Utilizing the Ecometrics Data from 2007 to 2011, the report takes an honest, detailed and comprehensive look at AEG's operations and their environmental impacts.

It also documents AEG's progress towards achieving its 2020 Environmental Vision Goals.



AEG Ecometrics: Measuring Environmental Performance

In 2009, AEG became the first live entertainment, sports or facility management company to measure the environmental performance of all of its owned and managed venues. AEG's Ecometrics tracking system collects resource use and waste generation data from all AEG-owned facilities.

Resources Consumed

Wastes Generated

Emissions from Operations

Hamburg is green....
... but blue too.





... we love water



The background of the slide features a dark stage with two bright spotlights at the top. Below the stage, a large, out-of-focus crowd of people is visible, many holding up their phones to capture photos or videos. The overall scene suggests a high-energy event or concert.

100% Hydro Power

100% renewable energy from
utility provider “Hamburg Energie”

60.000 bath tubs



~8,500 m³ of rainwater from 11,372 m² rooftop



Installation of heat pump

Transforming chiller's heat loss into usable energy

The pump is estimated to save 1,000 megawatt hours of energy annually and the CO₂ emission can be reduced by up to 52,900 lbs (24 tons)



... and many other minor projects to save energy such as:

Piloting LED replacement bulbs for vapor discharge sodium halogen bulbs to save additional energy in certain areas of the building

Updated the lighting concept for maximum efficiency through the energy management system

Installing motion sensors in spare kitchen pantry and storage rooms and other areas to ensure lighting is only used when the spaces are occupied

etc.....