









NISSAN GREEN PROGRAM 2010

Nissan's environmental ideal is a society where there is a 'symbiosis of people, vehicles and nature.' In working towards this goal, Nissan has established specific targets in its eco-action plan: 'Nissan Green Program 2010.'





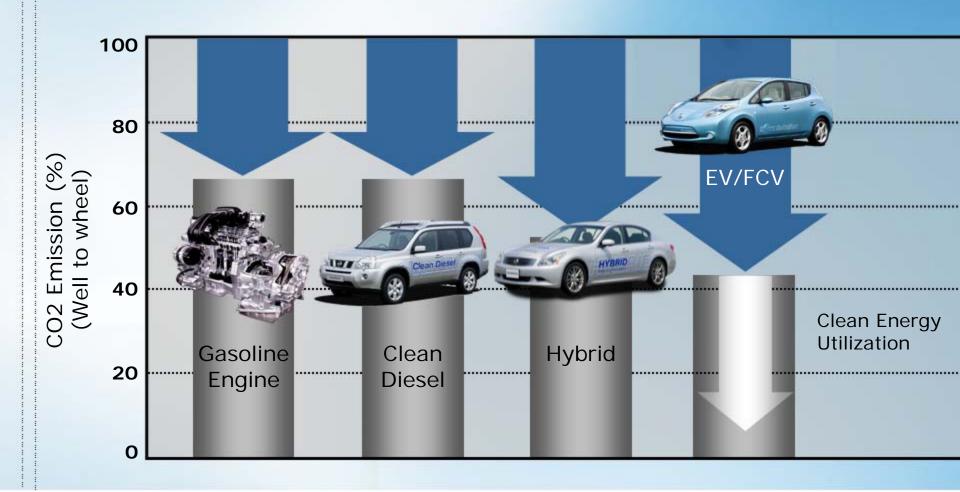




POTENTIAL FOR REDUCING CO2



EV/FCV are the ultimate solution for zero-emissions









NISSAN LEAF











NISSAN LEAF











NISSAN LEAF PLATFORM





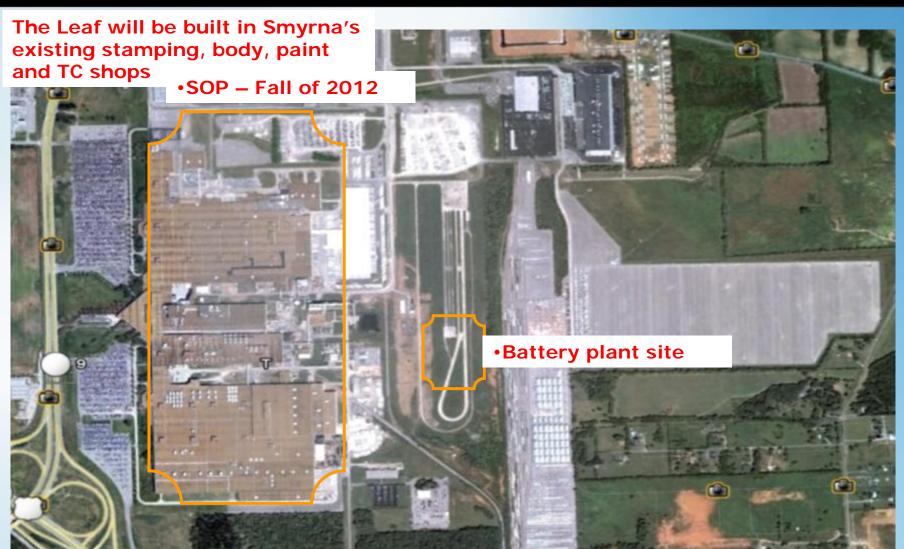






Preparing for our future











Preparing for the future of Manufacturing



We cannot just build the vehicles, we <u>must</u> build them in a sustainable way....

- Going beyond getting the ideas
- Institutionalizing and accelerating the opportunities







Creating a 21st Century Workplace



Employee Engagement is the difference in both <u>accelerating</u> and <u>sustaining</u> the business case of a sustainable workforce.





EMPLOYEES

Production



Creating the 21st Century Workplace



At Nissan, we are using the model of Behavioral Based Sustainability (BBS).

Employees are encouraged to internalize sustainability at a personal level, at home and in their community so they come to the workforce with a new perspective and new vision.

The ideas are then not generated by and for the business but by the employees, with the business getting the benefit.

A subtle but important shift in how works get done.







Key Success Factors of Behavioral Based Sustainability



- Sustainability is not narrowly defined
- Aligns closely with company values
- Integrated into company culture
- Supports problem solving
- Allows peer-to-peer learning



- Allows people choices and control to make a difference
- Connects to people personally and then cascades to workplace









Creating the 21st Century Workplace



Our expectations are high that the ideas and the savings will be substantial and be maintained by a workforce driving change at work that they have already made at home.



















Sincere Eco-Innovator



Symbiosis of People, Vehicles and Nature: Nissan's Vision for a Brighter Tomorrow

"Symbiosis of People, Vehicles and Nature" sums up Nissan's vision for an ideal mobility society. In working toward this ideal, we have tried to ascertain the impact our vehicles and business activities have on the global environment and to address issues requiring resolution. Henceforth we will continue to make a proactive effort—working with society—to create a brighter future for our planet and generations to come.

"Sincere Eco-Innovator" is what we aim to become, working proactively toward our ideal vision of the future through innovative products.





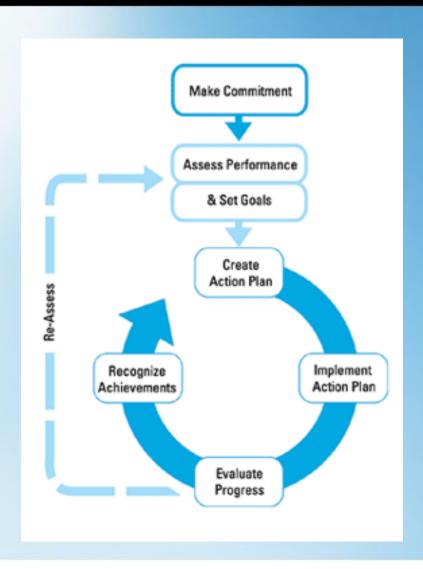


Sustainable Energy Program



The steps:

- STEP 1: Make Commitment
- STEP 2: Assess Performance
- STEP 3: Set Goals
- STEP 4: <u>Create Action Plan</u>
- STEP 5: Implement Action Plan
- STEP 6: <u>Evaluate Progress</u>
- STEP 7: Recognize Achievements









Energy Performance



The Smyrna plant has achieved:

- Improved energy efficiency by more than 30%
- Energy savings of \$3.5 million annually









Resource Utilization



Save Energy Now & ENERGY STAR®











Energy Assessments



Industrial Technologies Program

Save Energy Now



U.S. Department of Energy - Energy Efficiency and Renewable Energy

Industrial Technologies Program - Save Energy Now

Plant Assessment Summary: Nissan North America, Inc. -Smyrna

The following plant assessment was conducted under Save Energy Now, an effort of the DOE Industrial Technologies Program. Save Energy Now helps industrial plants improve energy efficiency

Company N
Location S
Industry type A
Assessment type P
Energy Expert D
Assessment date(s) D
ESA ID number E

For further

information

U.S. Department of Energy - Energy Efficiency and Renewable Energy

Industrial Technologies Program - Save Energy Now

Plant Assessment Summary: Nissan North America, Inc. -

Smyrna

If

The following <u>plant assessment</u> was conducted under the DOE <u>Industrial Technologies Program</u>. Save Energ improve energy efficiency and productivity.

Company	Nissan North America, Inc.
Location	Smyrna, TN
Industry type	Automotive
Assessment type	Fans
Energy Expert	Bill Hunter
Assessment date(s)	July 24, 2008
ESA ID number	ESA-028-3
For further information	If you have questions about the additional information, please

U.S. Department of Energy - Energy Efficiency and Renewable Energy Industrial Technologies Program - Save Energy Now

Plant Assessment Summary: Nissan North America, Inc. -Smyrna

The following <u>plant assessment</u> was conducted under <u>Save Energy Now</u>, an effort of the DOE <u>Industrial Technologies Program</u>. Save Energy Now helps industrial plants improve energy efficiency and productivity.

Company	Nissan North America, Inc.
Location	Smyrna, TN
Industry type	Automotive
Assessment type	Pumps
Energy Expert	Don Casada
Assessment date(s)	November 29, 2007
ESA ID number	ESA-245-2
For further information	If you have questions about this assessment or wish to receive additional information, please contact the <u>Webmaster</u> .







Energy Assessments





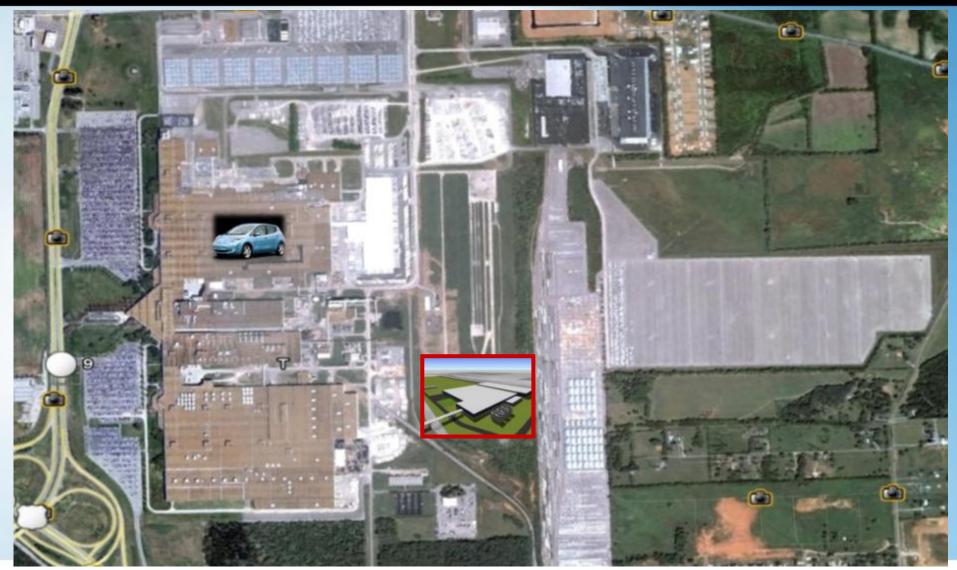






21st Century Sustainable Manufacturing











SUSTAINABILITY ...as we see it



"Sustainability" means transformational change of our products, our processes, the places where we work and live, how we consume, and how we impact the world around us.

How we successfully do long-term business in a closed system with finite resources......giving us the capacity to endure and flourish.

Economic

Environmental

Social









