

Eco-Driving Promotion by Eco-Mo Foundation

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E-Leader Tokyo, January 4-6, 2019



What is Eco-Mo Foundation

HISTORY

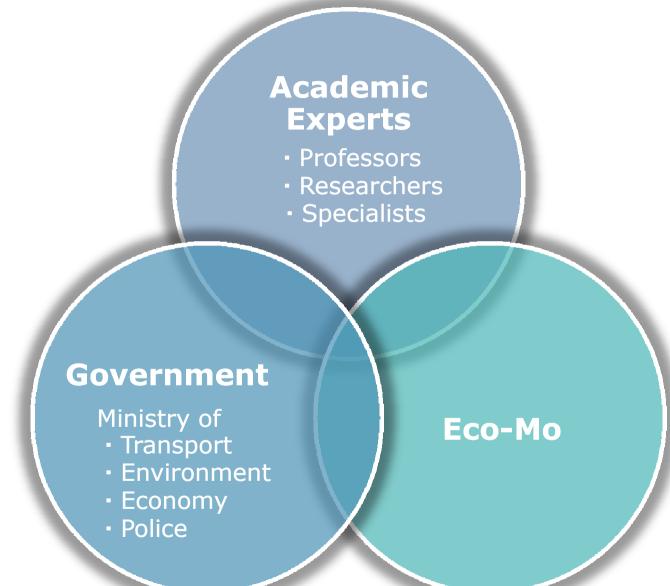
- In **1994**, Minister of Transport approved the **establishment** of the Foundation for Promoting Amenities of Transport.
- In 1997, renaming of the organization to "Foundation for Promoting Personal Mobility and Ecological Transportation" was approved by Minister of Transport.
- In 2012, the Prime Minister accredited and transitioned to the Public Interest Incorporated Association.



• Better life for all people through sustainable mobility with less CO2 and no barrier



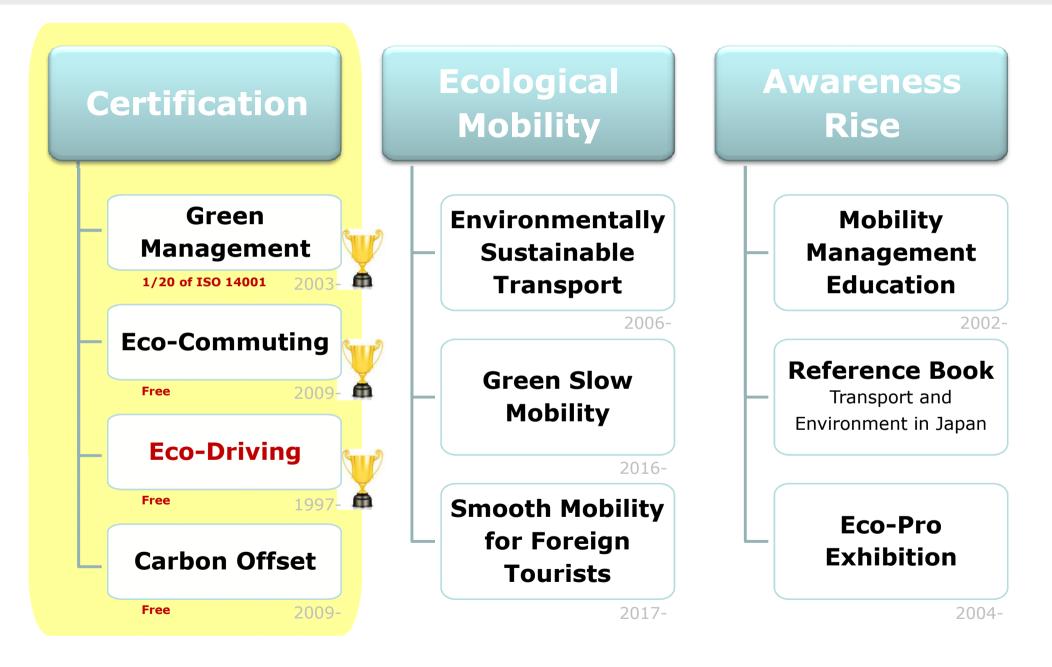
National level Committee



MLIT, MOE, METI, NPA



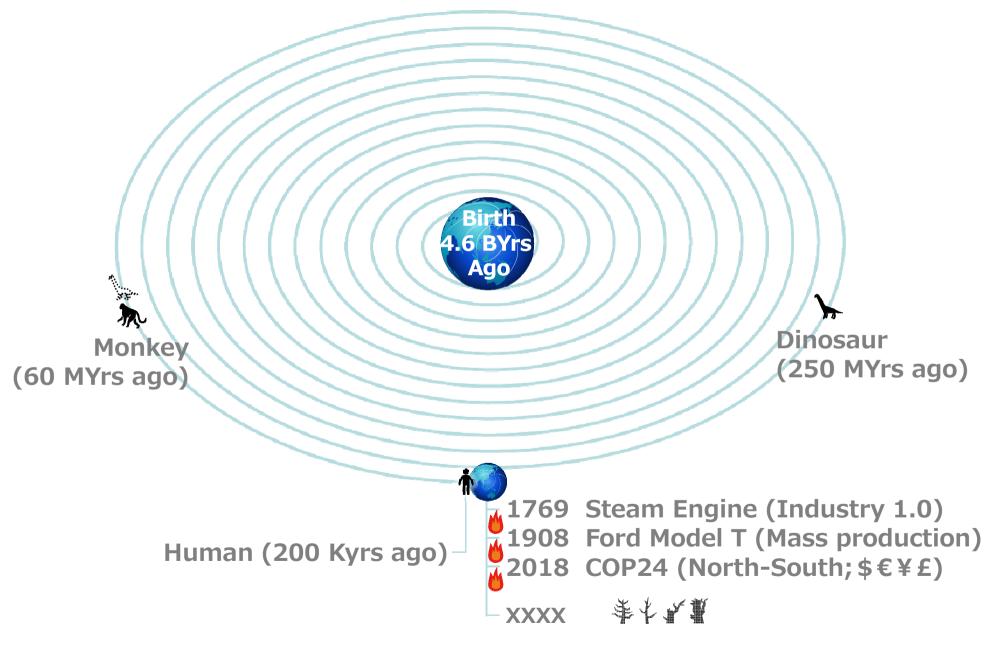
10 Projects of Environmental Transport Promotion Division





History of the Earth



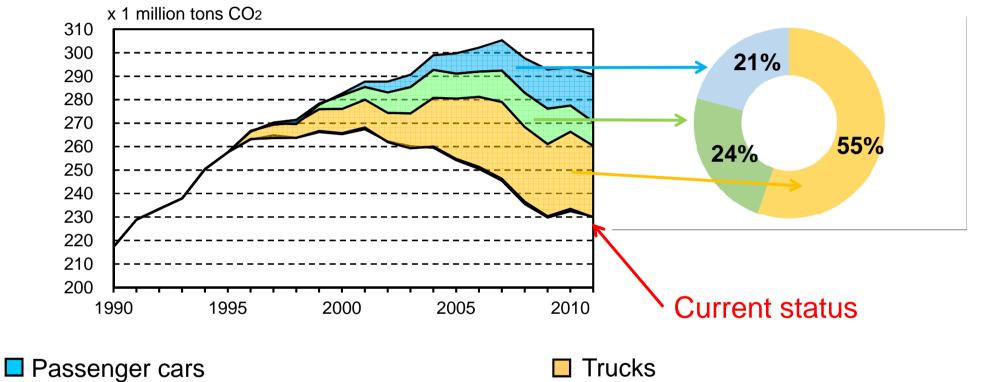




Factors Contributing of CO2 Reduction by Integrated Approach



Main factors to reduce CO2 in the road transport sector in Japan.



Improved vehicle fuel efficiency

Improved traffic flow (reduced congestion)

Trucks

- Improved load efficiency in truck use
- Trucks

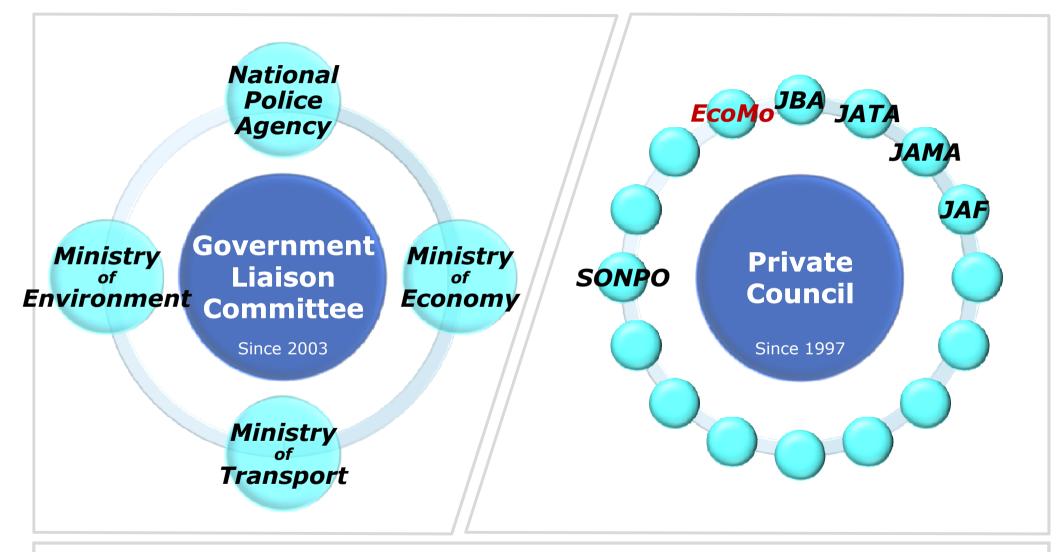
Eco-driving

Improved traffic flow



Eco-Driving Promotion Platform





10 Tips for Eco-Driving (Since 1998) Eco-Driving Special Month: November



10 Tips for Eco-Driving



- 1) Accelerate gently
- 2) Maintain a steady speed
- 3) Decelerate by earlier accelerator release
- 4) Limit the use of your air conditioner
- 5) Don't idle your engine
- 6) Provide your itinerary
- 7) Check your tire pressure regularly
- 8) Reduce your load
- 9) Don't make congestion by parking
- 10) Note your fuel economy regularly

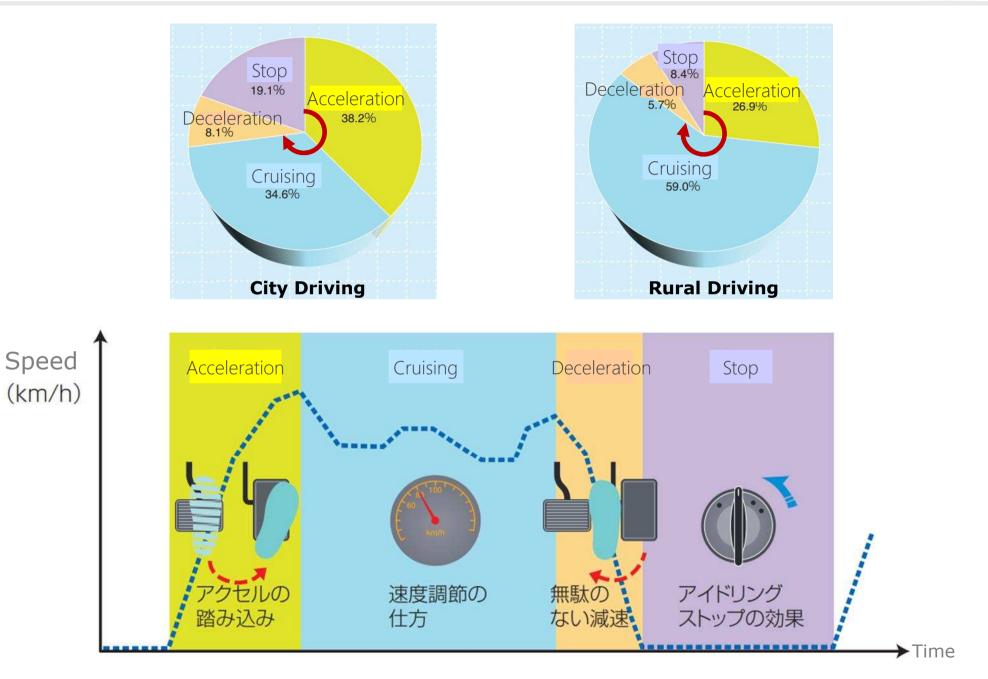


Source: Government Liaison Committee on eco-driving promotion



Fuel at each Drive Event







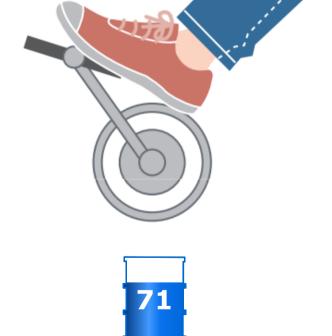
1) Accelerate gently



The acceleration time from 0 to 20 km/h: 5 sec

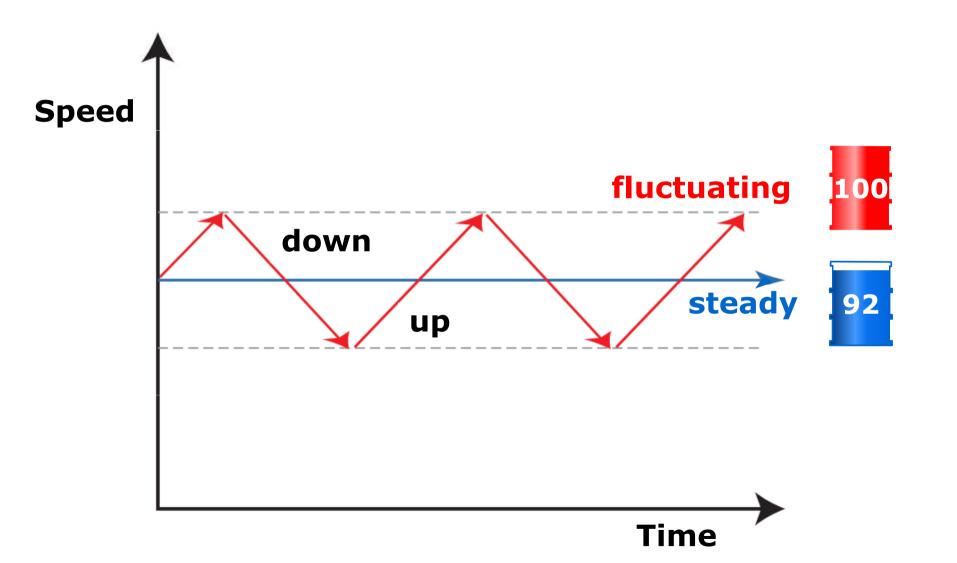
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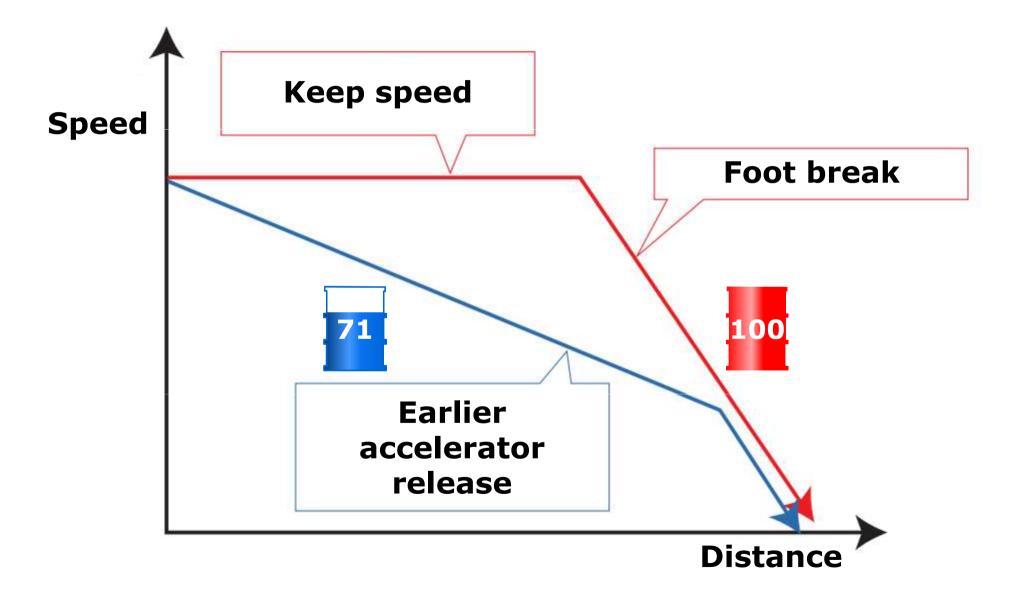








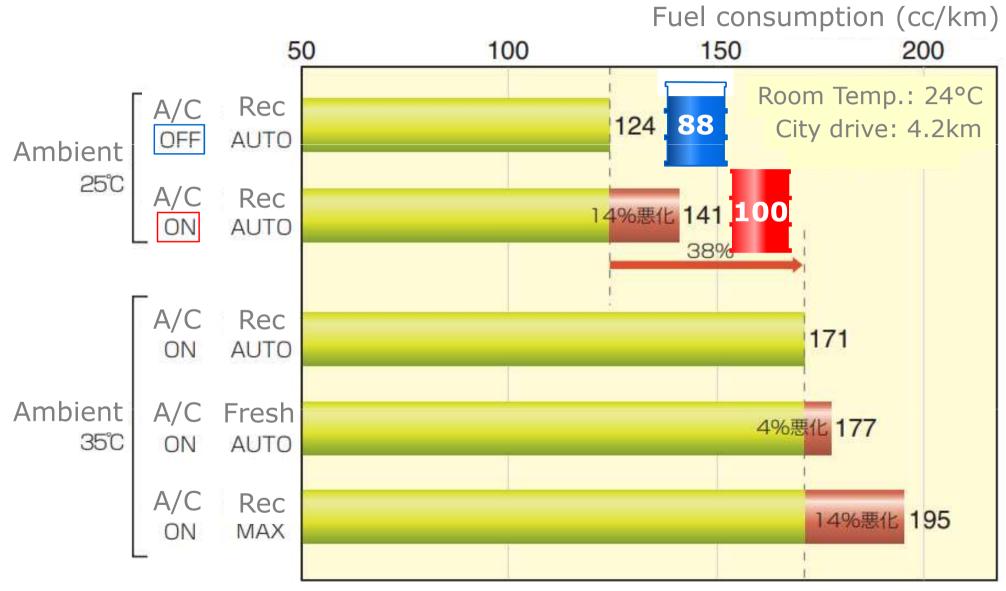






4) Limit the use of your air conditioner



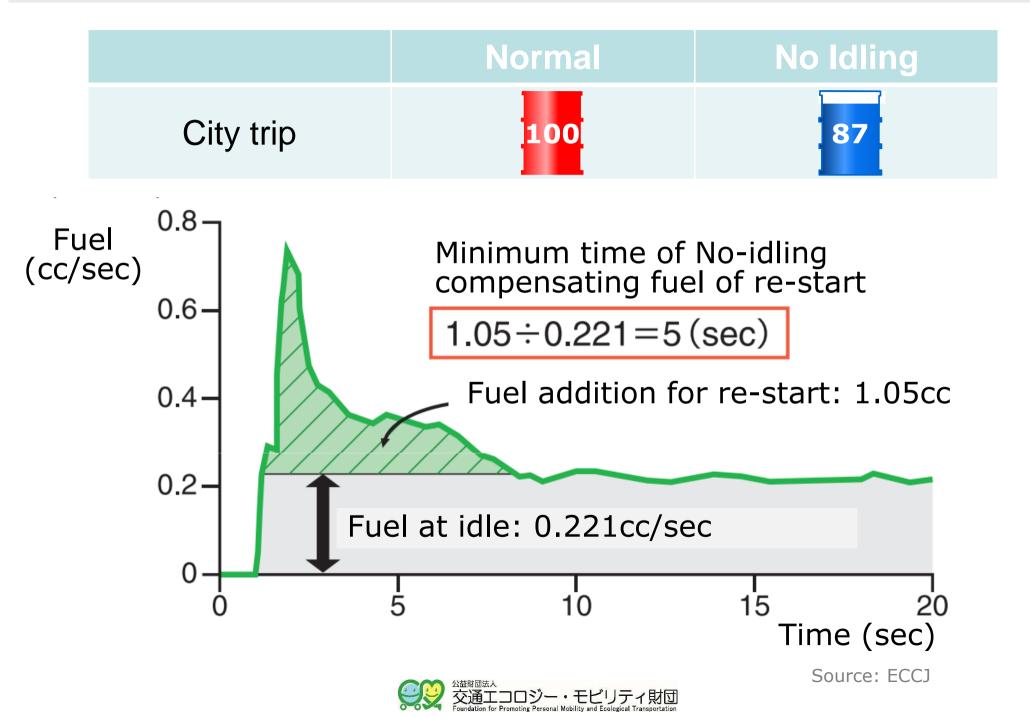


Source: ECCJ

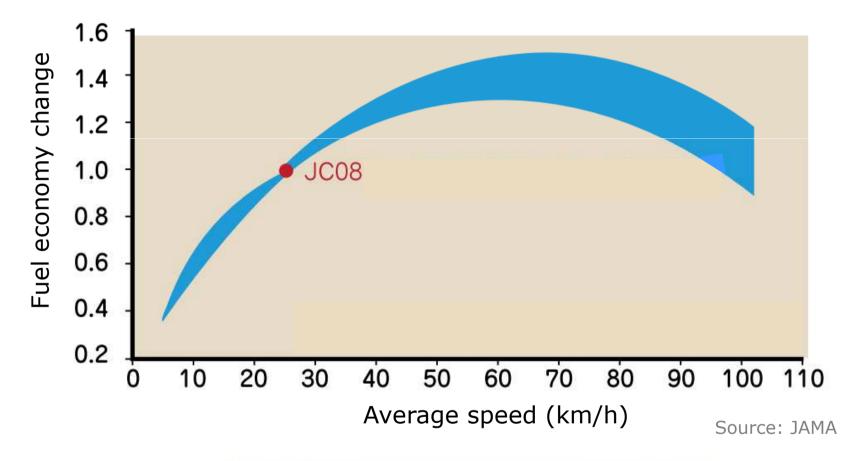


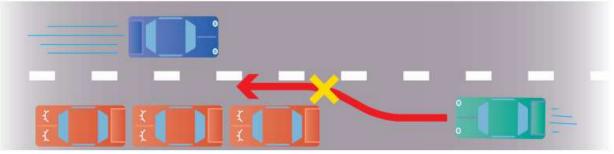
5) Don't idle your engine





6) Provide your itinerary9) Don't make congestion by parking

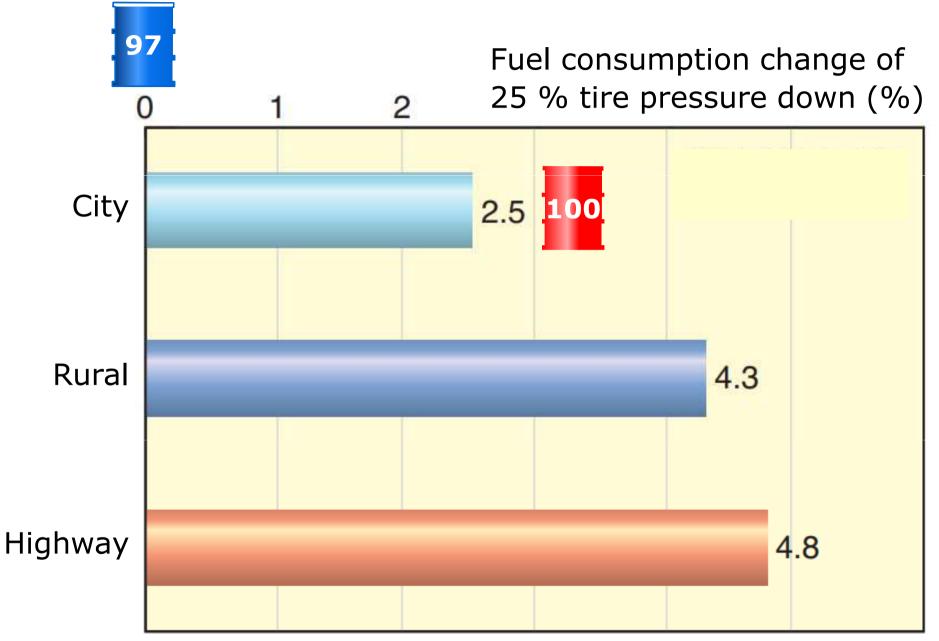






7) Check your tire pressure regularly



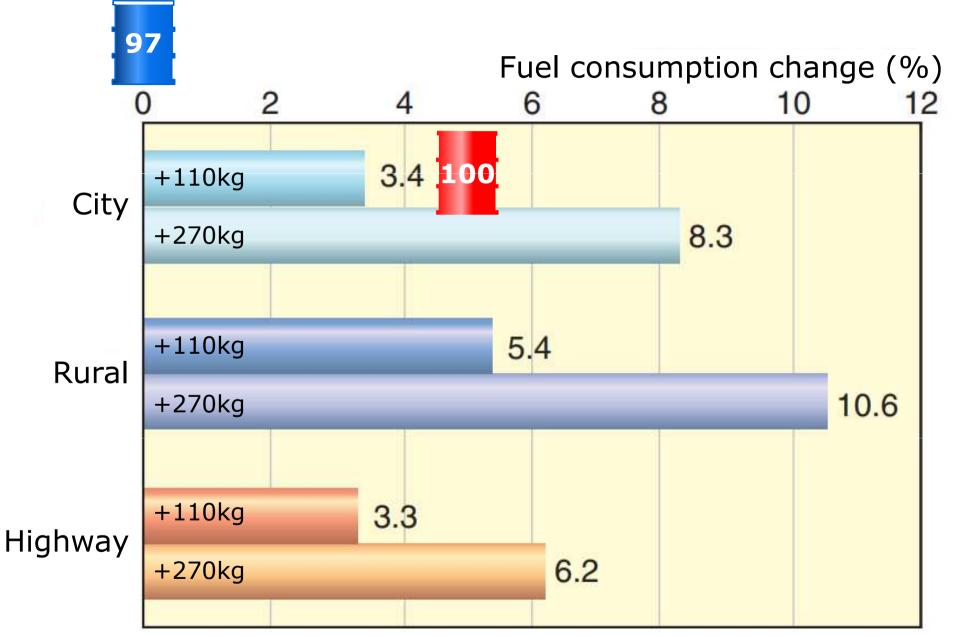


Source: ECCJ



8) Reduce your load



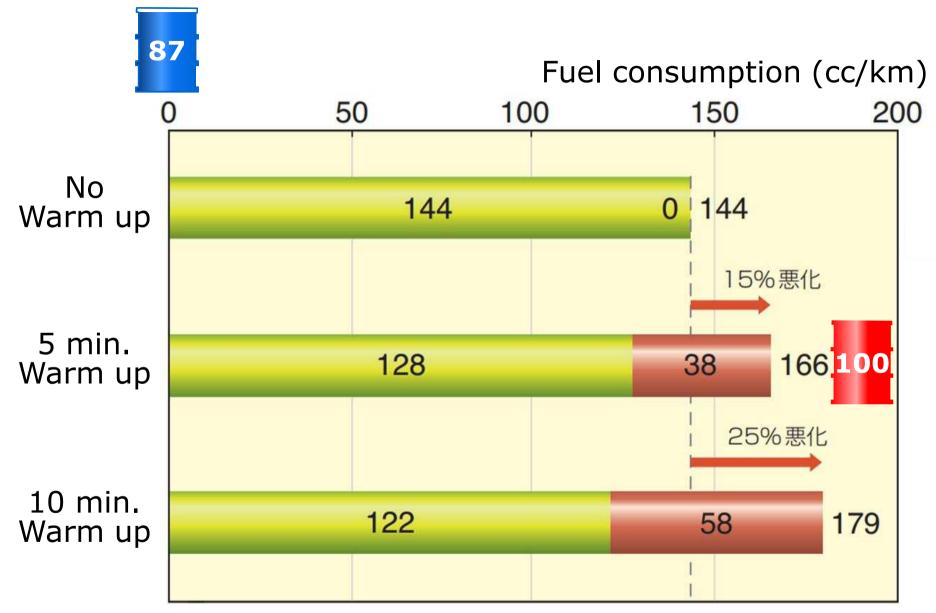


Source: ECCJ



Extra) Proper Engine Warm Up



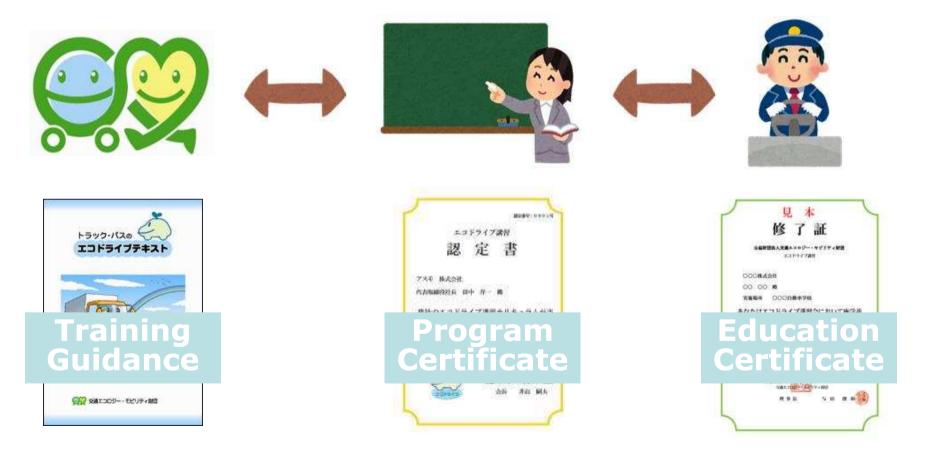


Source: ECCJ



Eco-Driving Certification

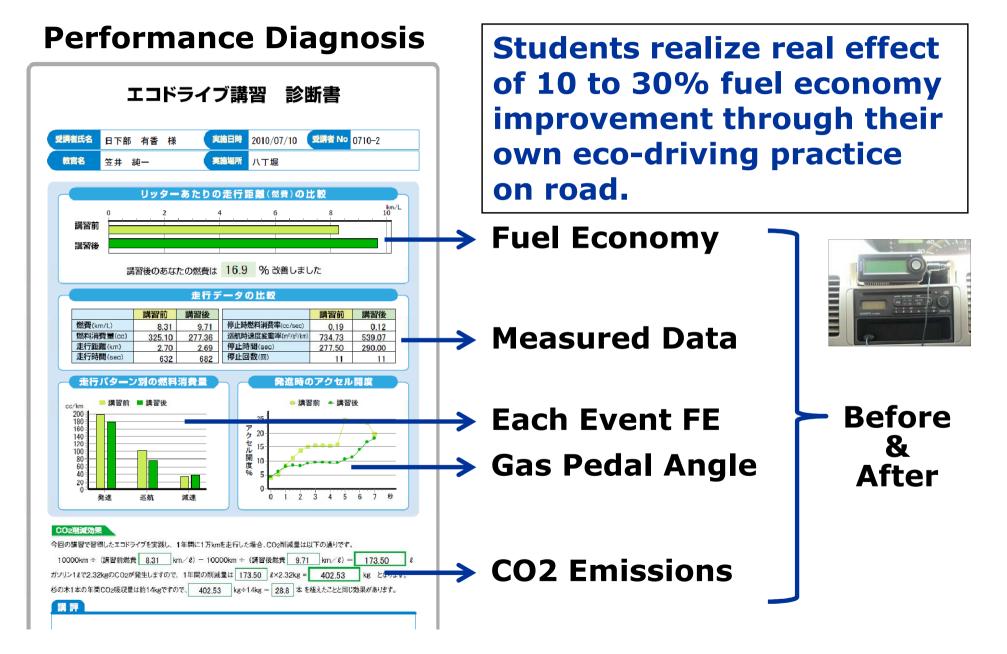
- LIFST2
- Certification for training programs of Eco-driving educational organizations (Truck manufacturers, Sales dealers, Local truck associations and Driving schools)
- Certification for education completion of students





Eco-Driving Training Result





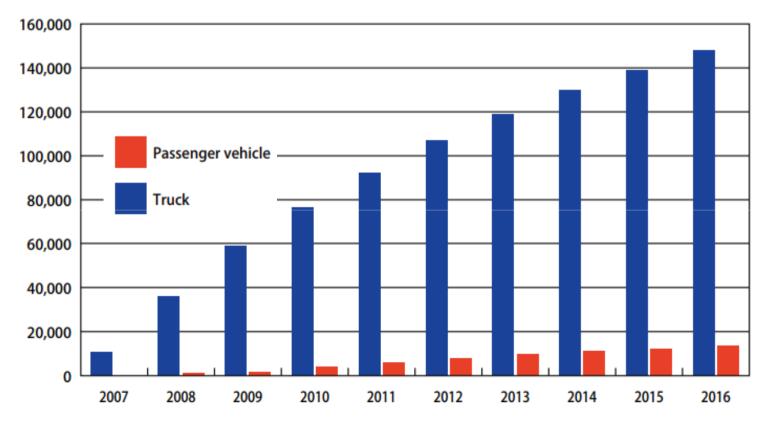




• Number of Certified Organization (Mar 31, 2017)

Truck and bus	Passenger cars
17	230

Accumulated Number of Certified Drivers





Eco-Driving Activity Competition



Number of entry (2017)			
Company	Offices	Employees	Vehicles
Transport	682	35,442	26,354
General	485	59,453	10,648
Non-fleet	44	11,130	3,058
TOTAL	1,211	106,025	40,060









EcoDrive Declaration



2014~2016 ASUA, WAFUNIF, JAMA, Auto Alliance, ACEA

Guiding Principles of EcoDrive:

- 1. Reduces CO2 levels, which positively contributes to our future.
- 2. Saves lives by reducing accidents.
- 3. Preserves fuel resources.
- 4. Makes driving safer, more relaxed and convenient.
- 5. EcoDrive lowers stress, which improves health.
- 6. EcoDrive encourages courtesy and culture of respect, which strengthens a feeling of well-being among all of us.
- 7. EcoDrive can be done anytime, anywhere and by anyone.

Methodology:

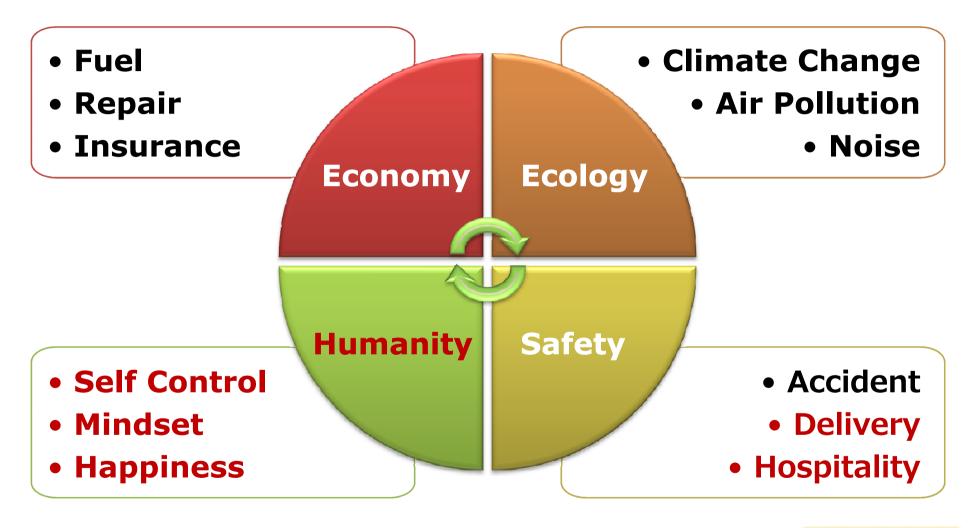
- 1. Accelerate Gently.
- 2. Maintain a steady speed and keep a safe distance to the car in front.
- 3. Slow down by releasing the accelerator.
- 4. Make appropriate use of air conditioner.
- 5. Do not idle the engine while standing still.
- 6. Plan your trip to avoid congested route.
- 7. Check the tire pressure regularly.
- 8. Avoid unnecessary loads to reduce weight.
- 9. Respect Parking rules and regulations.
- 10. Monitor the Fuel Efficiency.

http://www.asua.ne.jp/conference/declaration.pdf



Value of Eco-Driving









Thank You

