Charging infrastructure user service by four automakers

Toyota Motor Corporation
Nissan Motor Co., Ltd.
Honda Motor Co., Ltd.
Mitsubishi Motors Corporation

20th May 2014

Announcement of a joint project by four automakers

The four automakers announce to jointly promote the construction of charging infrastructure and services network

(July, 2013)

Small number of charging stations:
- Quick chargers: **1700** units
- Standard chargers: **3000** units

Current charging service is not sufficient.

Government subsidy for charging infrastructure 100.5 billion yen:
- Great support: covering charger cost and two-thirds of the installation cost
- Aimed at accelerating installation over two years period

1. Promoting domestic charging installation activity
2. Bearing part of the maintenance cost, in addition to the installation cost
3. Developing charging infrastructure network service to make PHV, PHEV and EV drivers' lives easier

Deployment Support Project Management Office

- Opening of the website and call center,
- Announcing subsidy details, opening of applications' submission
  (November, 2013)

Application deadline (OEMs):

•End of September, 2014

Completion of construction:

•End of December, 2014

http://tnhm-juuden.com/

※ Government subsidy:

•Application deadline: End of February, 2015

•Completion of construction: End of October, 2015

TOYOTA　NISSAN　HONDA The Power of Dreams　MITSUBISHI MOTORS

【PHV・PHEV・EV】充電インフラ普及支援プロジェクト

| トップ | 共同プロジェクト の背景 | 充電器の種類 と電動車両 | 支援対象 支援内容 | 申請要項 申請書類 | お問い合わせ よくあるご質問 |

お知らせ

充電器設置企業・自治体の募集

申請受付期間　平成25年11月12日から

「【PHV・PHEV・EV】充電インフラ普及支援プロジェクト」は、電動車両（PHV・PHEV・EV）の充電器を設置いただける企業・自治体に対し充電器の設置費用と維持費用をご支援し、充電インフラの推進を加速化させることを目指す、自動車メーカー4社※による共同プロジェクトです。
お客さまが快適なプラグインハイブリッド車・電気自動車ライフを過ごすことができる充電インフラネットワークサービスを構築し、お客さまの利便性の飛躍的な向上につなげ、自動車メーカーとして電動車両の機能が最大限生かせる社会作りに貢献し、電動車両の普及を進めることを目的としています。

※トヨタ自動車・日産自動車・本田技研工業・三菱自動車工業

お客さまにとって安心で便利な社会インフラ作りに貢献することで
プラグインハイブリッド車・電気自動車の普及を目指します

| エネルギー 制約 原油価格中期的には 高止まり | ＋ | 地球温暖化 問題 | ＋ | 成長戦略の 必要性 次世代自動車・電池を 成長の牽引車に |

Promotion of Installation Activity（Assistance Detail）

Financial assistance for facilities recognized to have high public value, helping with part of their cost (not covered by the subsidies).

The assistance is available to businesses and initiatives that satisfy certain conditions*.
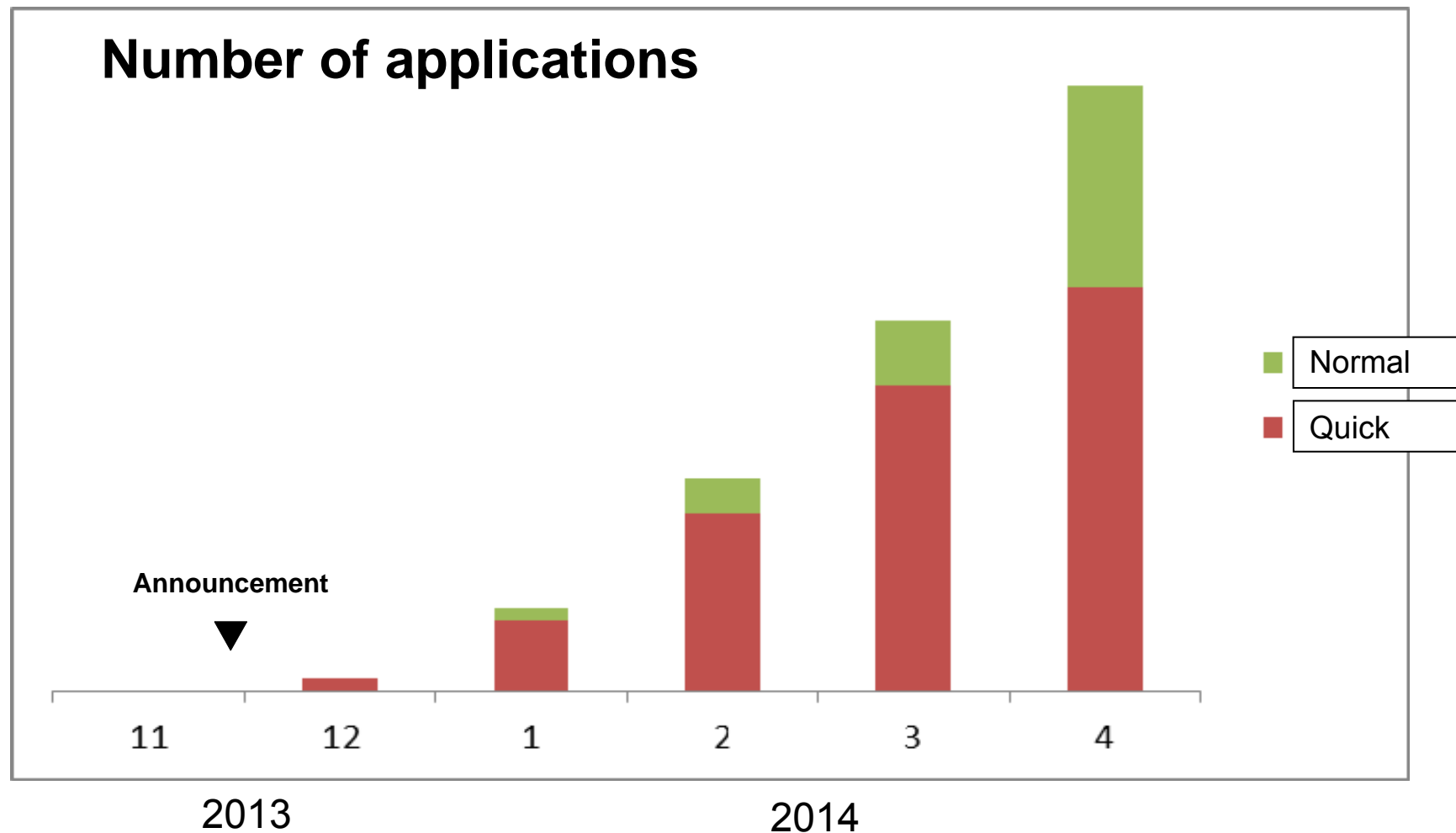
	Standard chargers	Quick chargers
Installation costs	One-third of charger's purchase cost	
	One-third of charger's installation cost	
		Startup inspection expense
Maintenance costs (8 years)	Communication fees, maintenance contract and insurance	
		Demand charge (low voltage only)
Electricity costs	Energy charge	

*There are detailed rules regarding a price limit, the maximum number of eligible chargers, etc.

Monthly application history

Standard charger：**Commercial facilities, municipalities, Michinoeki, accommodation facilities, etc.**
Quick charger： **Convenience stores, expressways, etc.**

Number of applications

Normal

Quick

Announcement

▼

| 11 | 12 | 1 | 2 | 3 | 4 |

2013

2014

Installation Using the Deployment Support

NEXCO announces a plan to deploy over 200 charging stations. (Jan.-Feb, 2014)
FamilyMart to install chargers in their 500 stores nationwide. (Apr. 2014)
JTB Corporate Service to own 1,000 chargers at accommodation and leisure facilities.

NEXCO Nishinihon

NEXCO Nakanihon

NEXCO Higashinihon

FamilyMart

JTB Business World Travel & Solutions

Development of Convenient User Services

- Building a charging infrastructure network with subsidized chargers
- Plan to establish a new company providing membership-based charging service

Developing a charging infrastructure network service to make PHV, PHEV and EV drivers' lives easier.

【Examples of potential services】

Linkage with other charging service companies

Roaming

Call center

Handling of inquiries

Providing charging stations availability information

Real-time information

E-mail information service

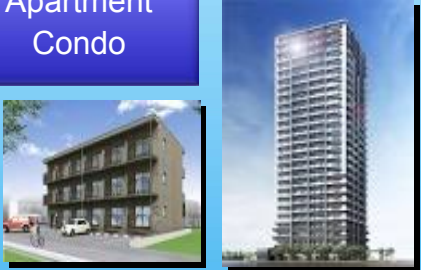Completion of charge email notification

Our goal: a well-developed charging infrastructure

The government wrote the Next Generation of Vehicles Strategy 2010 taking into accoung global warming, energy supply constraints and a necessity of growth strategy, aimed at increasing PHVs, PHEVs and EVs penetration rate to 15-20% by 2020.

Global warming

Energy supply constraints

Mid- and long- term high oil price

Necessity of growth strategy
Lead the growth of next generation vehicles sales

Installation Sites of Charging infrastructure

Installation site	Charging network		Spot charge
	DESTINATION CHARGE Long time: Standard charge, Short time: Quick charge	**STOP BY CHARGE** Short time：Quick charge, Long time：Standard charge	
	Shopping center	Expressway	Apartment Condo
	Home center Family restaurant	Michinoeki	Parking lot
	Commercial facility	Convenience store Restaurant GS Municipality, etc	
		Car dealers	Home

Our goal: a well-developed charging infrastructure

Creating a safe and convenient charging for EV users

プラグインハイブリッド車・電気自動車の普及
走る蓄電池としてスマートコミュニティに貢献