



Company Profile

Establishment : November, 1976

Capital : ¥50,000,000

No. of Employees : 60

CEO : Yasuji Masuda

Nature of Business :

Collection of End-of-life

Rechargeable Battery & Recover

Processing of Metals therefrom.



History of NRCC

- 1976 Nov Established.
- 1977 Oct Kashiwara Plant completed.
- 1988 Aug Korea Plant completed.
- 1998 Aug Tsukuda Plant completed. (Osaka)
- 1999 Feb Nakajima Plant completed.(Osaka)
- 2002 Mar ISO14001 obtained for Tsukuda Plant.
- 2004 Apr Appointed Recycler by JBRC.
- 2005 Apr Haramachi Warehouse .(Aichi)
- 2006 Sep ISO14001 obtained for Nakajima Plant.
- 2008 Apr Analysis Laboratory completed.
- 2009 Oct Taiwa Warehouse (Miyagi)



Osaka HQ



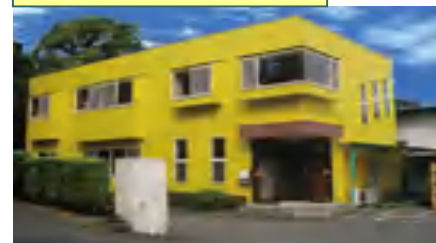
Tsukuda Plant



Nakajima Plant



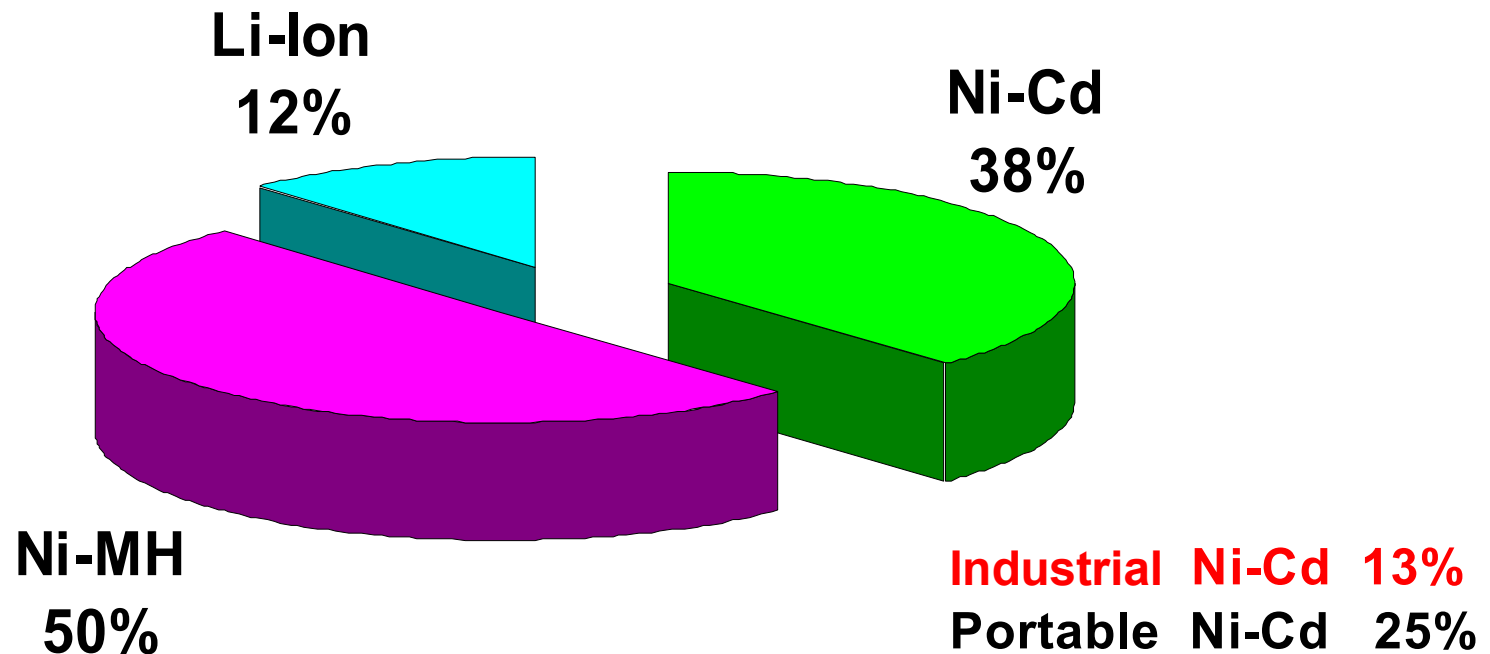
Haramachi Plant



Taiwa Warehouse

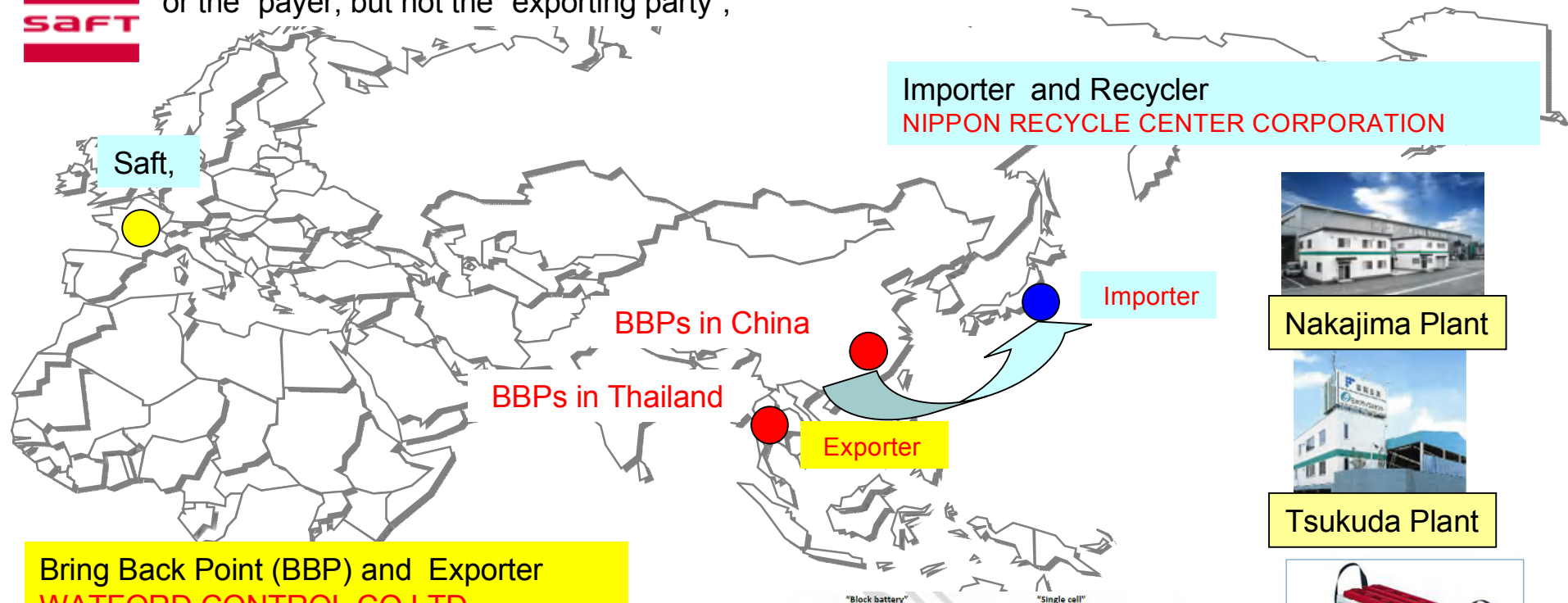


Collection by Chemistry in 2012





Saft, who is paying the recycling (to NRC) and receiving the Cd and Ni money (back from NRC). I think Saft is the “paying party” or the “payer, but not the “exporting party”,

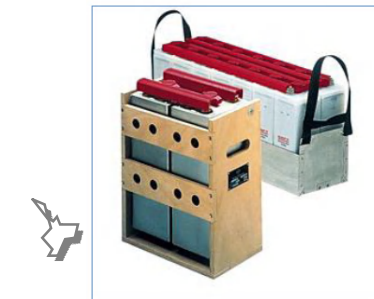


Bring Back Point (BBP) and Exporter
WATFORD CONTROL CO LTD

And the BBPs in Thailand (and in China and other South Eastern countries) which is truly the “exporter”.



● P/P Industrial Ni-Cd
Quantity 112 to n / year
(75%)



● S/PBE Industrial Ni-Cd
Quantity 38ton / year
(25%)



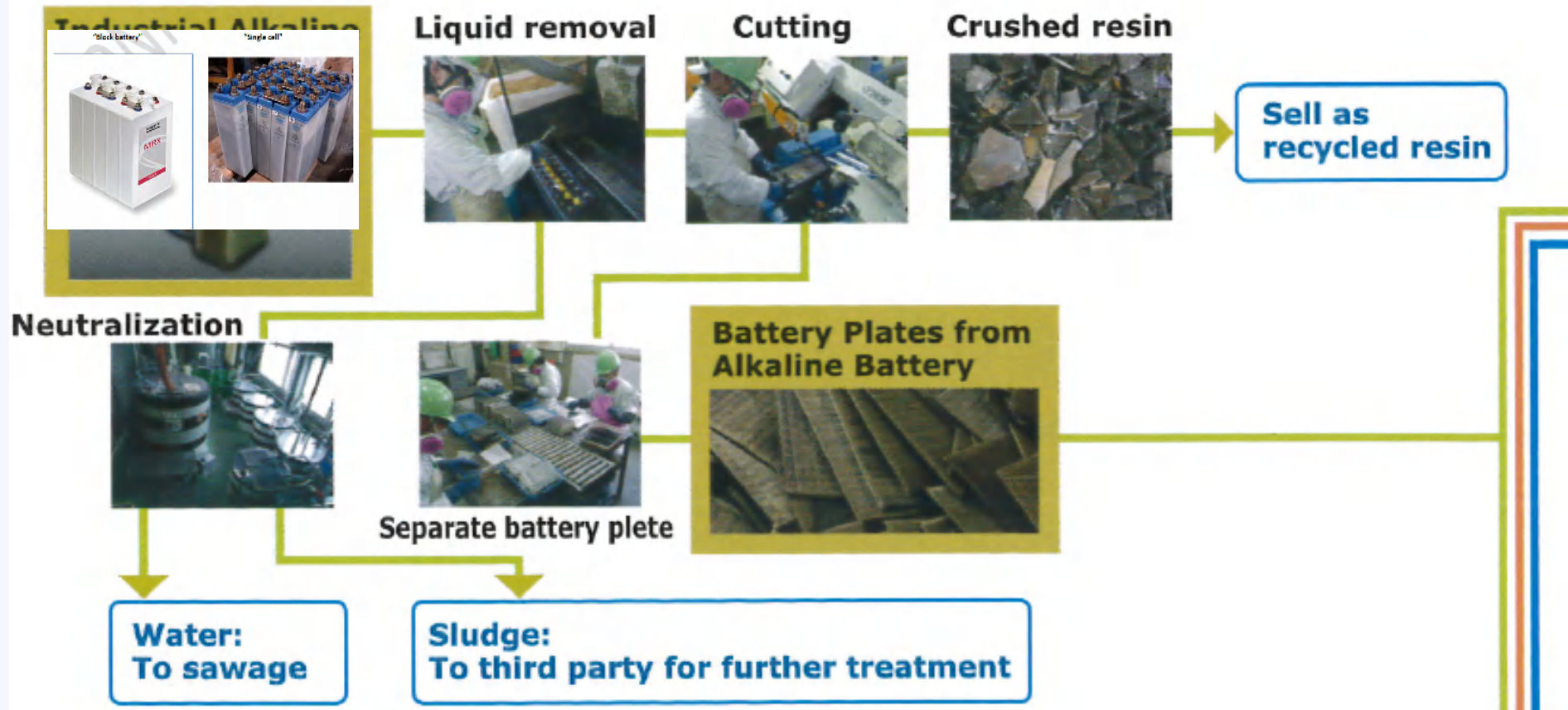
Recycling Process of Industrial Ni-Cd Waste



**"Recycling process" by means of our technique
and facility originally developed having the environment in view**

**Cap.
(4.3t/day)**

Recycling Process of Industrial Ni-Cd Waste



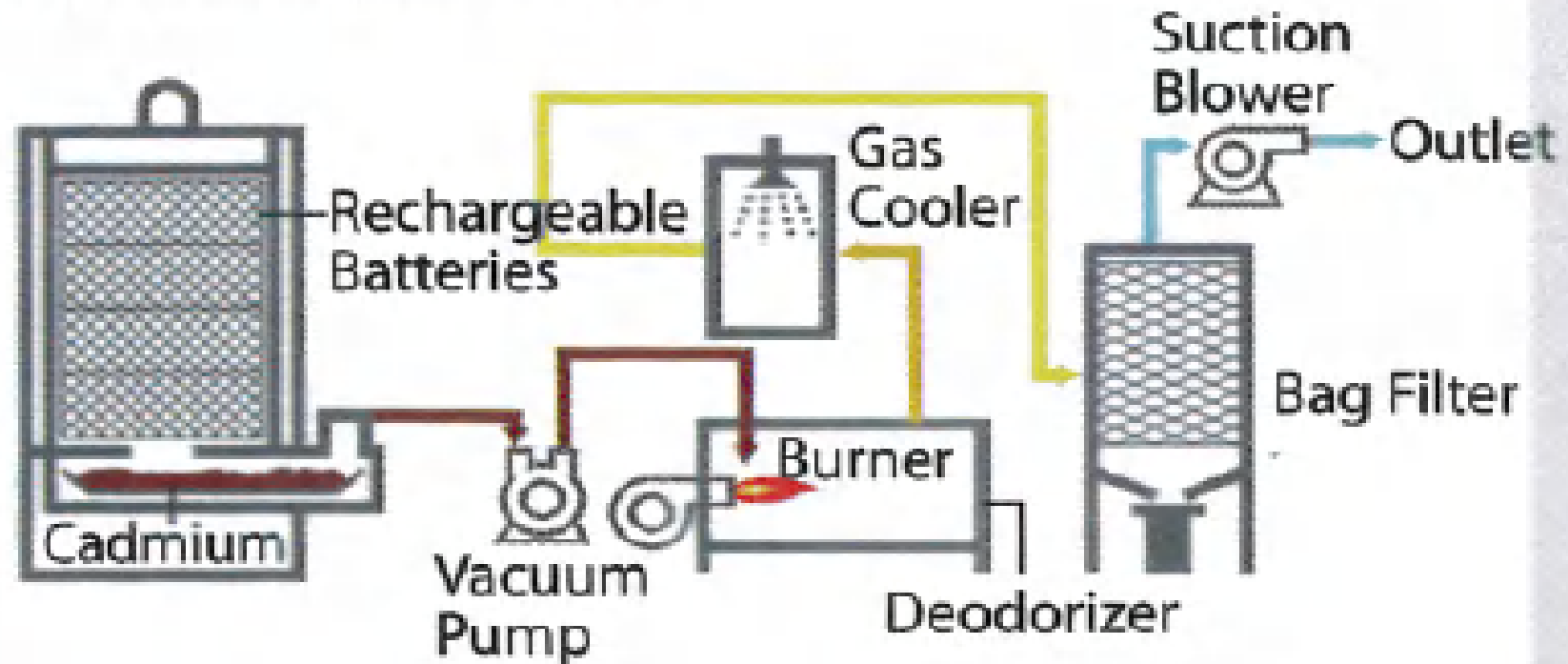


● Vacuum Electric Furnace (Tsukuda Plant)

Cap.
(4 t/day)



Vacuum Furnace



**Furnace for
cast Cadmium**



**Extracted Cadmium
from Ni-Cd batteries**

**To sell
as raw materials
of Ni-Cd batteries**

Retrieved Rare Metals



Processed Battery



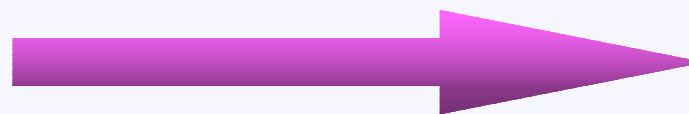
Electric Melting



Ferro-Nickel Ingot



Cadmium Ingot



**Sold as Intermediate
Material for Stainless Steel**



Environmental Safeguards



After-Burner

Gas Cooler

Bag Filter

**Discharged
Harmlessly**

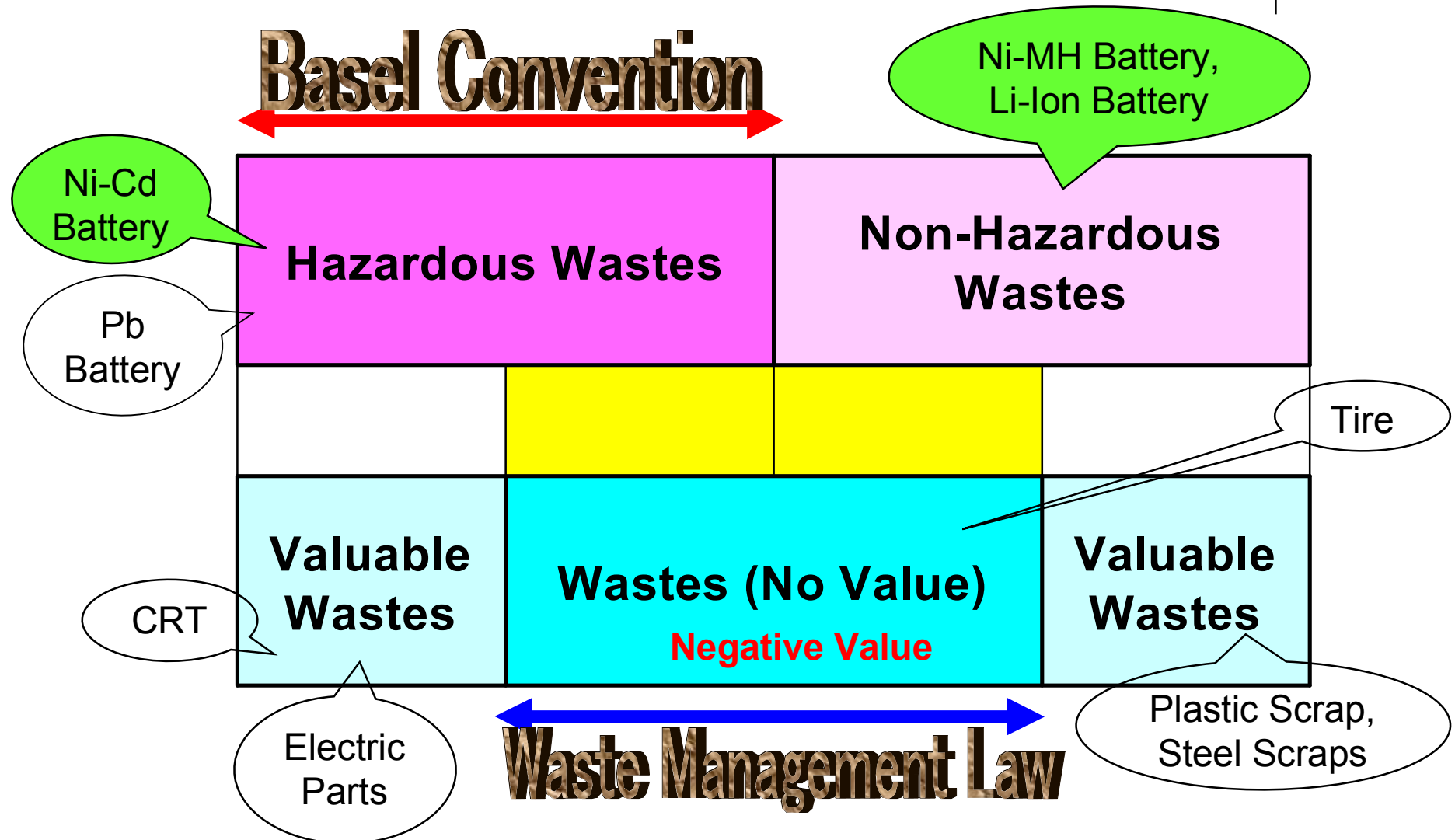
All of our equipment comes with environmental safeguards such as a secondary incinerator, gas cooling system and filters. We are a zero emissions facility. The NRCC takes every precaution to make sure that we are making green choices in all aspects of our business.

ISO 14001 Certificate

 <p>Union of Japanese Scientists and Engineers (JUSE) ISO Registration Center</p> <p>CERTIFICATE OF REGISTRATION</p>		 <p>Union of Japanese Scientists and Engineers (JUSE) ISO Registration Center</p> <p>DESCRIPTION OF CERTIFICATE</p>	
<p>Reg.No.: JUSE-EG-078</p> <p>Registered Client: Fuyo Kinzoku Co., Ltd. Nippon Recycle Center Corp.</p> <p>Standard against which the audit places: JIS Q 14001:2004(ISO 14001:2004)</p> <p>Date of the first Registration: September 28, 2006</p> <p>Period of Validity: September 28, 2012 to September 27, 2015</p> <p>We hereby certify the Environmental Management Systems of the above firm as indicated on the attached document "Description of Certificate" based on the above standard.</p> <p>This certificate is the result of the strict assessment carried out by the JUSE Registration System for Assessment.</p> <p>Date of Issue: September 28, 2006 Date of Renewal: September 28, 2012</p>	<p>Name of Certification: Environmental Management Systems</p> <p>Reg.No.: JUSE-EG-078</p> <p>Registered Client: Fuyo Kinzoku Co., Ltd. Tsukuda Plant. Nippon Recycle Center Corp. Tsukuda Plant, Nakajima Plant, Haramachi Plant.</p> <p>Chief Executive: Kouichi Masuda, Executive Director</p> <p>Address: 6-10-39, Tsukuda, Nishiyodogawaku, Osaka 555-0001, Japan (Fuyo Kinzoku Co., Ltd. Tsukuda Plant. Nippon Recycle Center Corp. Tsukuda Plant.) Refer to "Description of Certificate (in Detail)"</p> <p>Standard against which the audit places: JIS Q 14001:2004(ISO 14001:2004)</p> <p>Scope of Registration held: Recycling of rechargeable batteries. Warehousing of rare metals and special steel alloys.</p>		
<p> Tadashi Jagawa President</p> <p> Masami Mita Managing Director ISO Registration Center</p>	<p> Masami Mita Managing Director ISO Registration Center</p>		

We ' re willing to make as much as progress possible toward contribution to the reduction of the load on the environment with the acquired **ISO14001**.

Controlled Waste in Japan



Disposal / Recovery Operation

- Disposal Operation

- D1 Deposit into/onto land
- D2 Land treatment
- D3 Deep injection
- D4 Surface impoundment
- D5 Specially engineered landfill
- D6 Release into a water body except seas/oceans
- D7 Release into seas/oceans
- D8 Biological treatment
- D9 Physico-chemical treatment
- D10 Incineration on land
- D11 Incineration at sea
- D12 Permanent storage

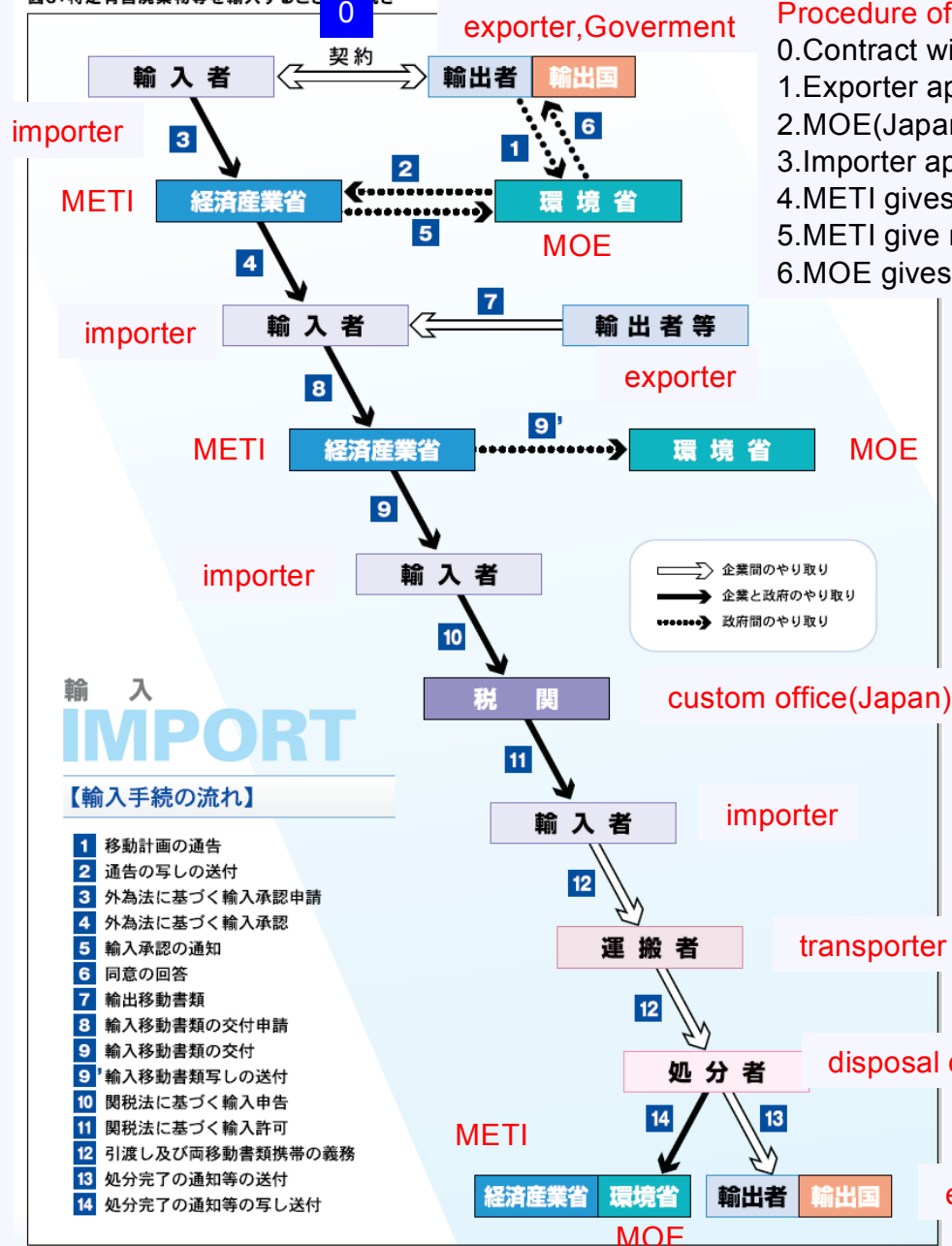
- Recovery Operation

- R1 Use as a fuel or other means to generate energy
- R2 Solvent reclamation
- R3 Recycling of organic substances
- R4 Recycling of metals**
- R5 Recycling of other inorganic materials
- R6 Regeneration of acids or bases
- R7 Recovery of components used for pollution abatement
- R8 Recovery of components from catalysts
- R9 Used oil re-refining
- R10 Land treatment resulting in benefits to agriculture or ecological improvement

Import license Systems In Japan for Basel Convention and Japanese Laws

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図6: 特定有害廃棄物等を輸入するときの動き



Procedure of import

0. Contract with Importer and exporter
1. Exporter apply "movement Plan" and notice to MOE (Japan)
2. MOE (Japan) applies M.o of Economy, Trade and Industry (METI/Japan)
3. Importer apply import battery to METI based on foreign exchange laws.
4. METI gives approval to importer.
5. METI give notice to MOE
6. MOE gives notice to export Government, Government to exporter.

"movement Plan"

1. Exporter name and nationality
2. Importer name and nationality
3. Import list and particulars
4. Time of importation
5. List of attachment and its documents and so on