



# The Current Status of ELV Recycling in KOREA

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# 1. Produce and Treatment - Recycling of ELV in Korea

- ❖ Vehicles : 2015.12
- ❖ Facilities : 2016.04

Domestic Vehicles

**20,989,885 Cars**

ELV

**773,436 Cars**

Dismantling

**522 fac.**

Shredding

**13 fac.**

ASR

**15 fac.**

Waste Gas

**3 fac.**

SEL	3,056,588
PUS	1,255,722
DAG	1,106,002
INC	1,355,207
GWA	611,280
DAJ	632,954
ULS	525,092
GGD	4,917,091
SEJ	93,140
GWD	694,040
CCBD	730,069
CCND	969,162
JLBD	839,181
JLND	897,655
GSBD	1,307,495
GSND	1,564,192
JEJ	435,015

PUS	26,961
DAG	41,954
INC	24,597
GWA	17,777
DAJ	18,176
ULS	13,462
GGD	302,936
SEJ	4,626
GWD	33,733
CCBD	25,823
CCND	37,057
JLBD	38,962
JLND	37,519
GSBD	57,891
GSND	76,793
JEJ	15,169

PUS	11
DAG	14
INC	8
GWA	9
DAJ	6
ULS	8
GGD	123
SEJ	0
GWD	36
CCBD	34
CCND	44
JLBD	48
JLND	54
GSBD	62
GSND	51
JEJ	14

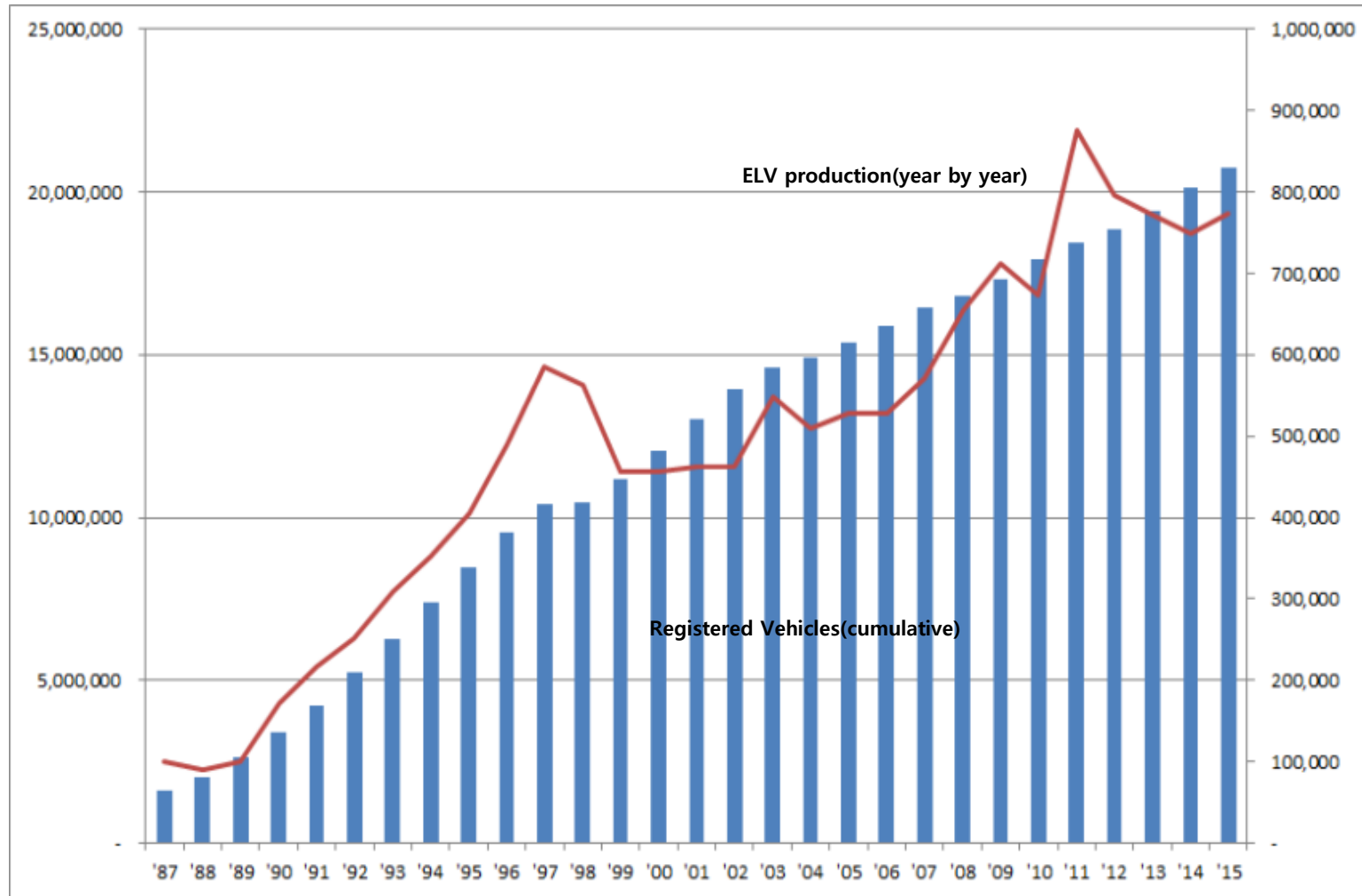
INC	2
GGD	7
CCND	2
GSBD	1
GSND	1

PUS	1
INC	1
ULS	4
GGD	3
CCBD	1
CCND	2
JLBD	2
GSBD	1

INC	1
GGD	1
GSBD	1

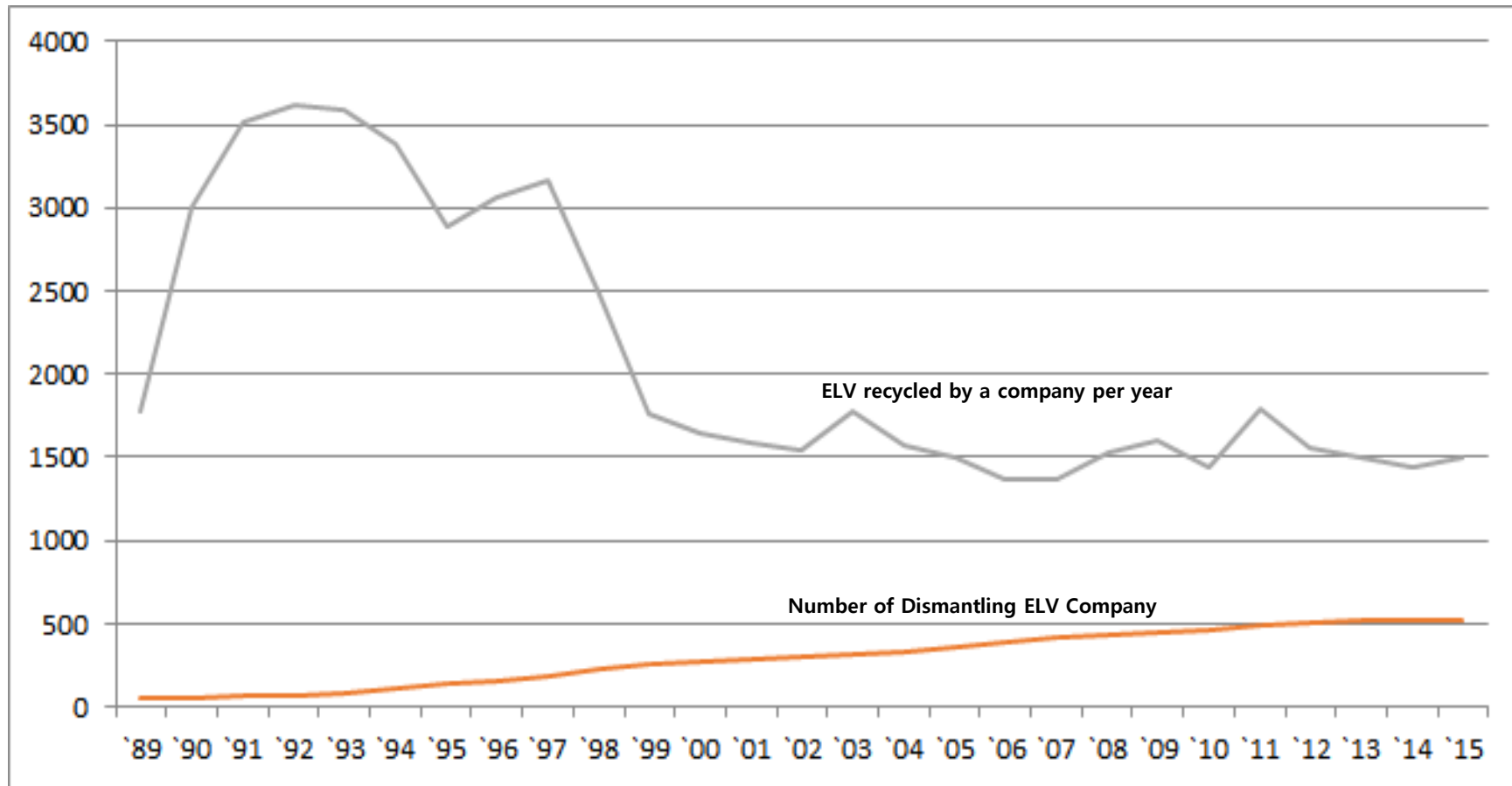
## 2. Amount of ELV

※ Amount of ELV producing 1987~2015

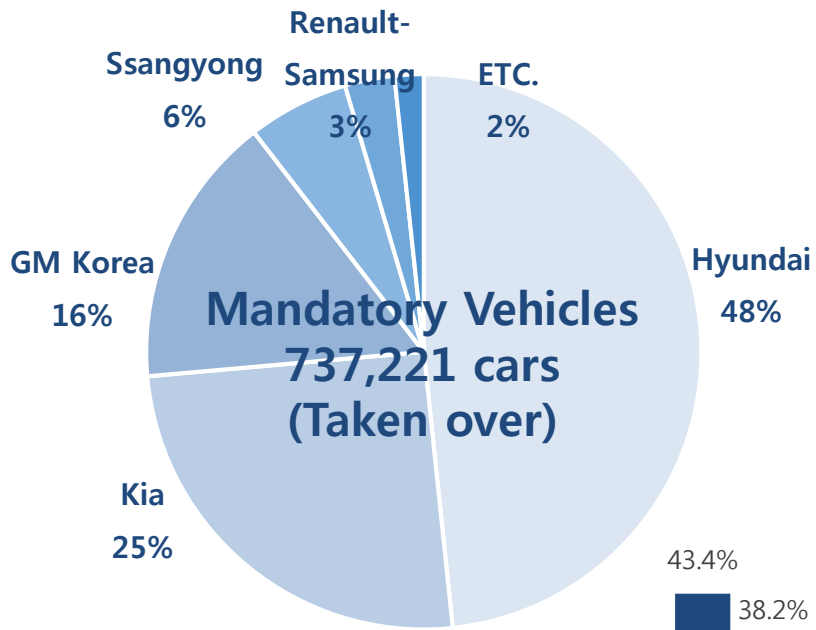


### 3. Amount of ELV Dismantlers

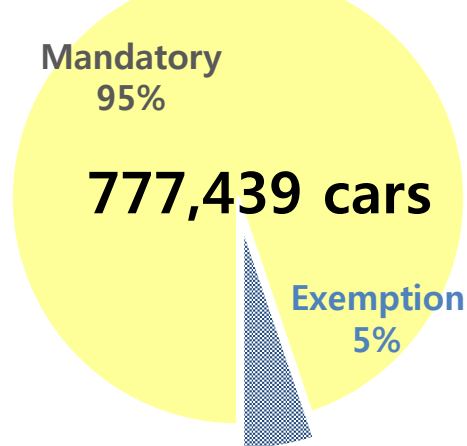
※ Number of ELV dismantling company and amount of ELV processed per company 1989~2015



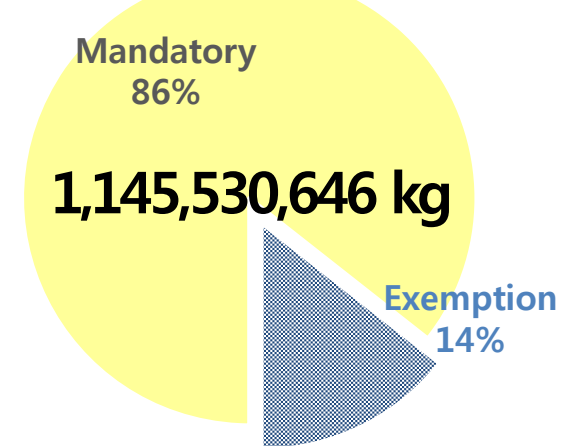
# 4. Number and Mass of ELV in Korea(2015)



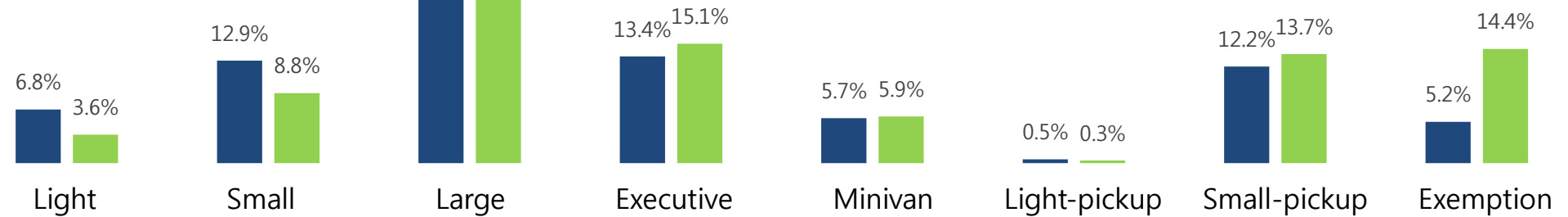
## <Total Taken Vehicles>



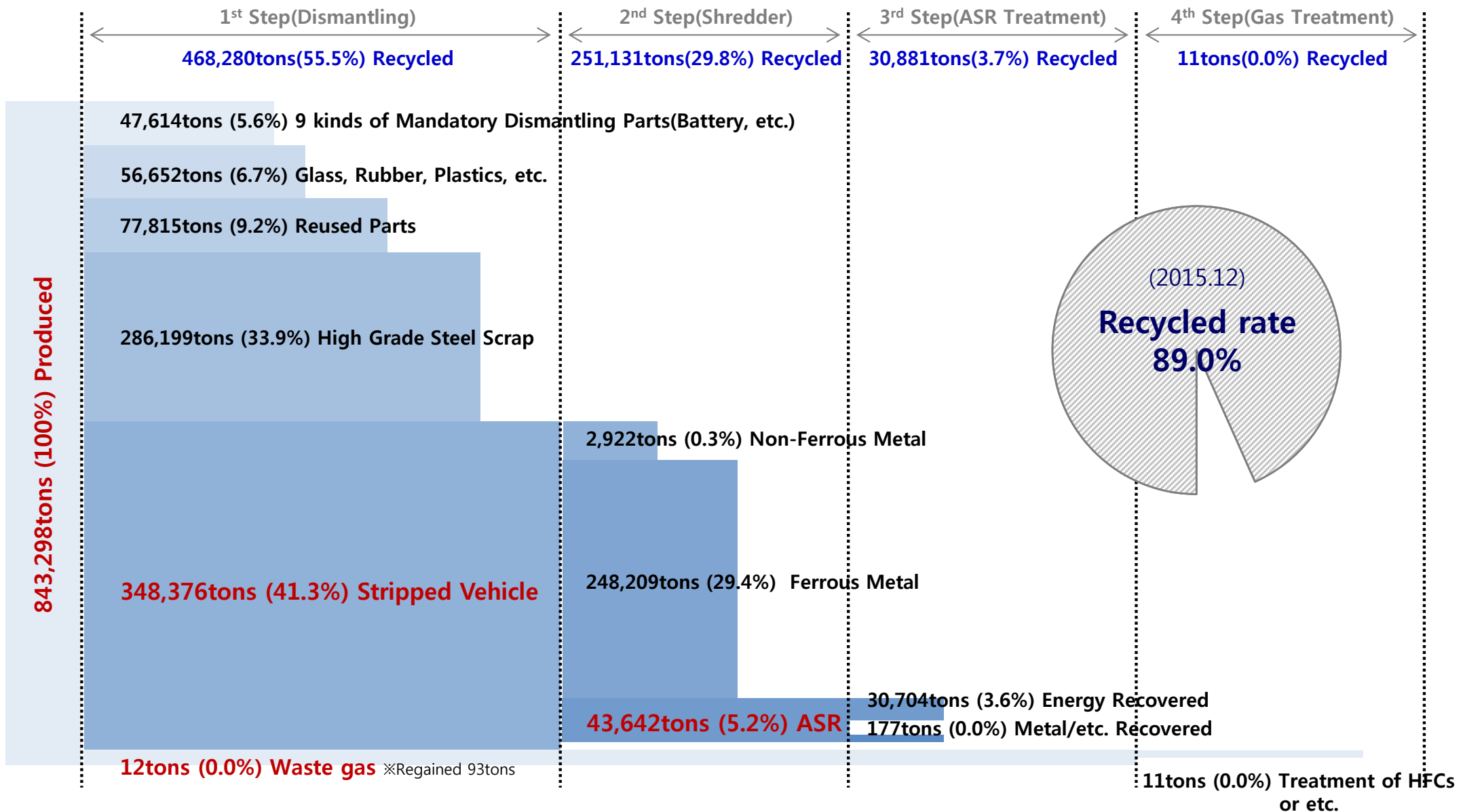
## <Total Taken Masses>



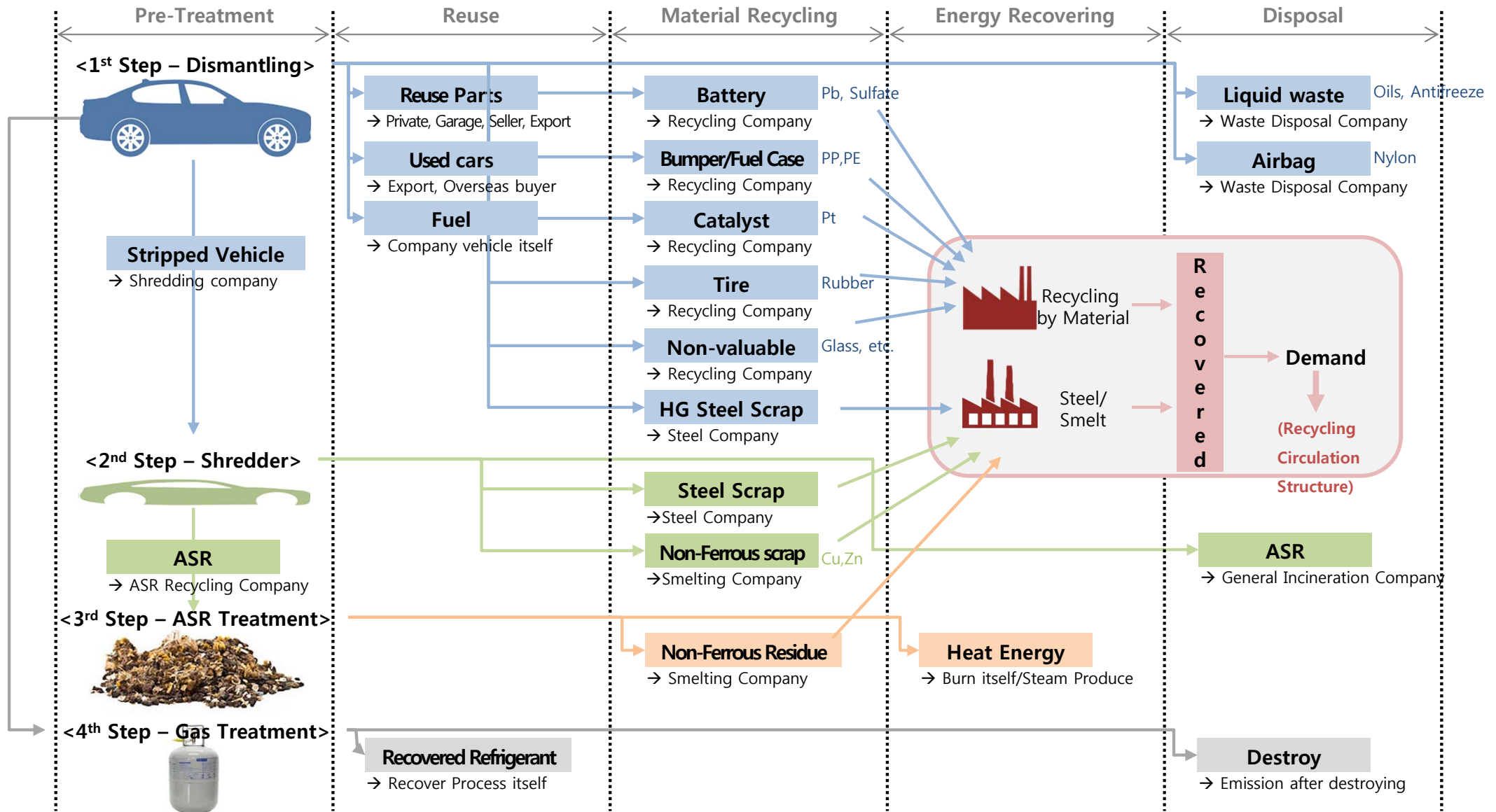
■ Vehicles  
■ Mass



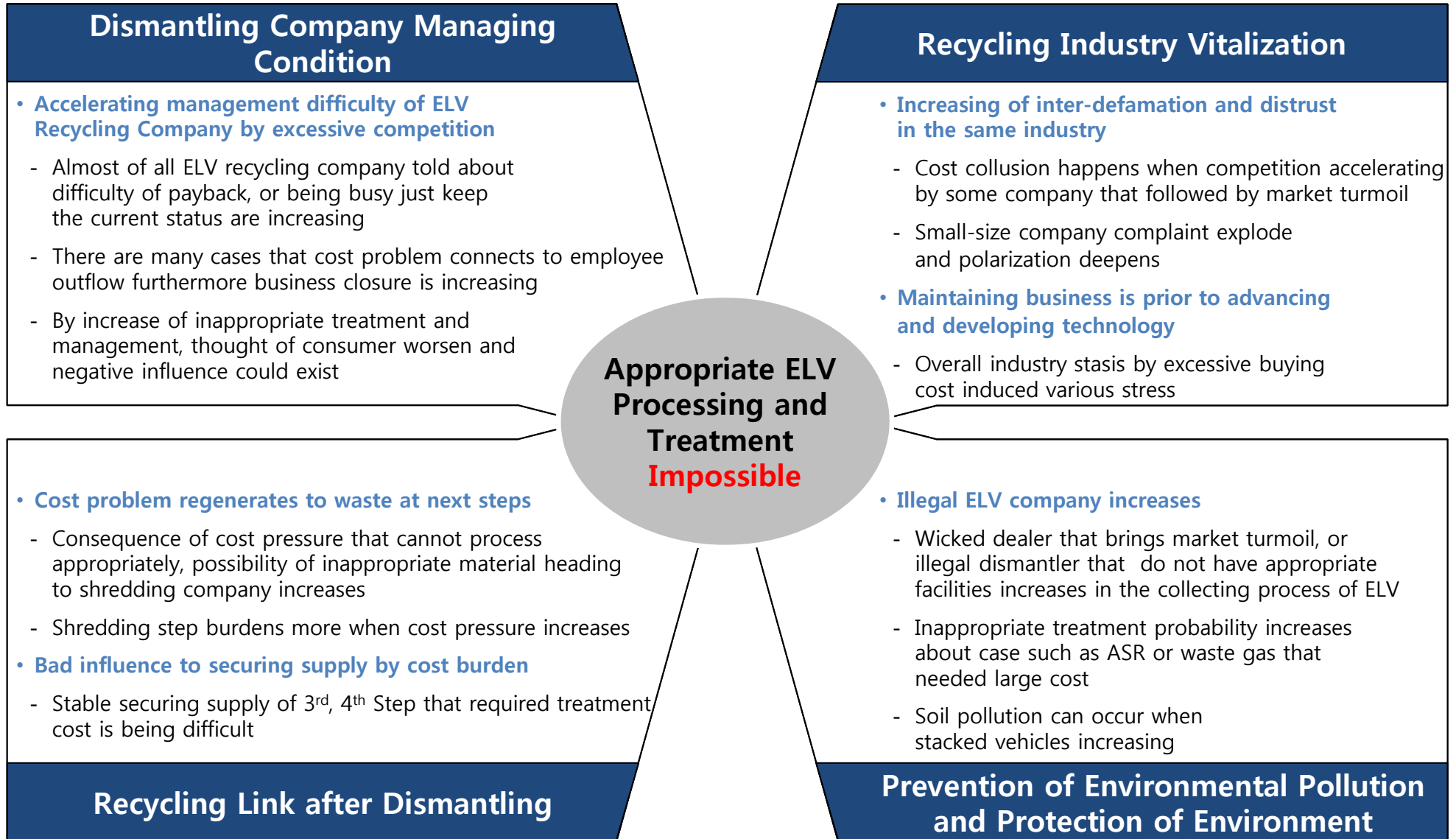
# 5. Current Recycling Status of ELV in Korea (by Material)



# 6. Current Supplying Status of ELV in Korea (by Material)

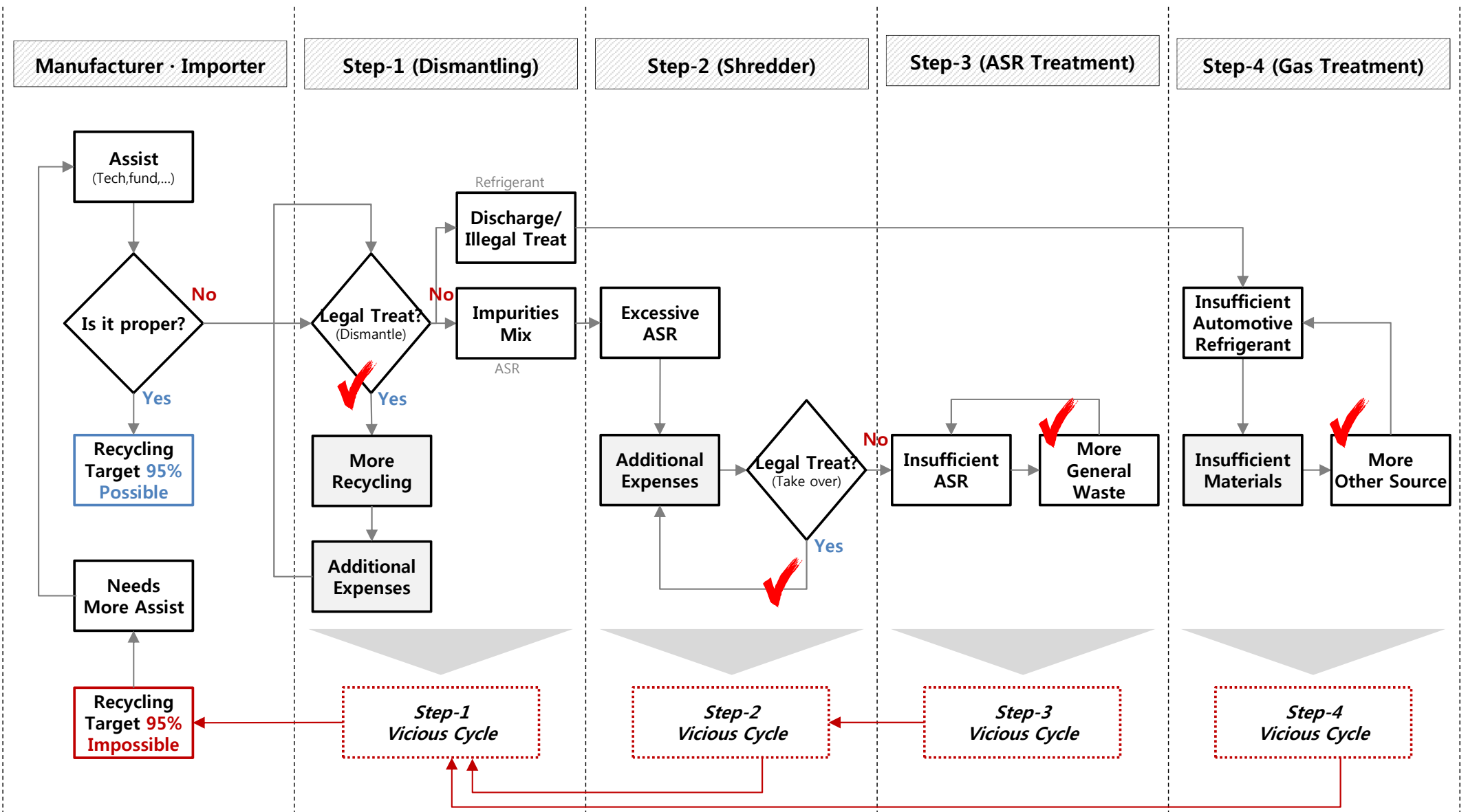


# 7. Main Problems of ELV Recycling Market in Korea





# 8. Needs for Cooperation for 95% Recycling Target in Korea



## 9. Main Issues related to ELV Recycling in Korea

### Cost burden subject and level

- Level of cost burden from producer or importer
- Cost burden ratio between producer/importer
- Level of cost burden from purchaser of new vehicle or last owner of ELV
- Level of cost burden from ELV recycler
- Penalty or restriction to manufacturer or importer who cannot achieve recycling rate target set by ELV directive
- Plans about cost burden for the increase of recycling cost to 95% target
- Level of cost if ELV recycler pays collecting fee to the last owner

### System managing form

- Managing strategy of cooperative unions(or related associations) operating ELV recycling system
- Managing strategy of when single or plural form of cooperative union exists
- Responsibilities and duties of cooperative unions
- Allowance strategy of specific manufacturers or importers operate their own agencies that consist of collaborative recycling companies
- Both allowance strategy for cooperative union and agencies

### ATF required condition

- Requirements for the treatment facility of dismantling(Ex, obligations of taking over from ELV recycling companies, and treatment cost burden etc.)
- Requirements for the treatment facility of shredding(Ex, obligations of taking over from ELV recycling companies, and treatment cost burden etc.)
- Requirements for the treatment facility of ASR (Ex, obligations of taking over from ELV recycling companies, and treatment cost burden etc.)
- Requirements for the treatment facility of refrigerant from air conditioners in the vehicle (Ex, obligations of taking over from ELV recycling companies, and treatment cost burden etc.)

**Stable and Efficient Management of KOREA ELV Recycling System**

# Thank You



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