

Ecodesign의 개념과 활용방안



< >
 1989 ~ :
 1985 ~ 1988 : Cincinnati
 1999 ~ ISO/TC 207/WG3
 (Design for Environment; DfE)
 1998 ~ : ISO/TC 207
 1997 ~ : 가 (KSLCA)
 2000 ~ 2001 : (Pacific Area Standards Congress; PASC) 24

서 론
1992

가
IPP ecodesign

Ecodesign의 개념

Ecodesign 가 ,

. Ecodesign

가

ecodesign

가

意志 支援

ecodesign

EU E(ropean Union)
(Integrated Product Policy; IPP)

가

, ecodesign

(benefit)

(ecodesign)

Ecodesign 가 가 가

統合 가
Life Cycle Assessment(LCA) MET (Material, Energy, Toxicity), Environmental Benchmarking
ecodesign 가 (feedback)

ISO TR/14062/WG3(DfE)
- 6 - / - 가 가
6

가,
가
가
SWOT (Strength, Weakness, Opportunity, Threat) spider web diagram Ecodesign의 활용방안
Sony, Hitachi, Siemens, Nokia

가 導
qualified design idea 入
ecodesign
ecodesign
Ecodesign 가
가
가가 ecodesign 가
ecodesign
ecodesign 가
ecodesign 導入
經濟的 24 TV
(:Kv-24DA1) KB24-CW1
(design solution) 3 6 kwh 18



34 , polystyrene foam
 , lead-
 solder 32 5
 2 가
 , 95 가
 < > 3 ecodesign

			Ecodesign ()			()
24 TV	KW-24DA1	KV24-CW1	2		3 6 kWh	18
					34t	4
					3.2t	5
	CPD-G520	CPD-G500	2		1 5 kWh	525
					2,550t	275
					1.5t	3
VCR	MSW-A2000	DVW-A500	180		1 6 kWh	80
					197t	21
					0.5t	1

ecodesign
 ecodesign
 ecodesign
 3) ecod-
 esign
 TV
 "donor)" TV
 (I, too, am a

可視的
 ecodesign
 , ecodesign
 ecodesign 가

ecodesign 4가
 1) ecodesign
 30-80 가 가
 4) Type I, Type II, Type III
 ecodesign 가 가
 要約的 가

統計的
 先導的
 ecodesign 가
 2) ecodesign

맺음말

가

- (European Union: EU) Integrated Product Policy(IPP) Initiative
- EU Directives :
End of Life Vehicle(EOLV) Directive
Wastes from Electrical and Electronic Equipment(WEEE) Directive
- (ISO) ecodesign : TC207/WG3
Integrating environmental aspects into product development
(Eco-labels)
- (Green Procurement) Initiatives
- 2001 5 (EEE) ecodesign
EU Directive ¹⁾ EU
EEE ecodesign
ecodesign EU

ecodesign ISO/TC207/WG3
ecodesign EU

供給 綠色化
ecodesign
(Green Procurement System)
ecodesign
2000 ecodesign
47%가
ecodesign
(Green Procurement Standards)
1999 6500
3000
가
概念
'消費者(consumer)'
'賃貸(lease)'
'使用權 (user)'
Ecodesign
가
一瀉千里
'所有權'
'使用者'
가
歸結点

(ecoproduct)
가
가
認知道가
가
()

1) The european parliament and the council of the european union, Working paper for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the impact on the environment of electrical and electronic equipment(EEE), February 2001



가 21 ecodesign 가

居安思危 ecodesign

思考 轉換 ecodesign

本然 目的 環境保全

轉換 ecodesign

가 가

환경기술인력정보 등록안내

홈 가 . 가

1. DB / 가

2. 가 DB Web
- <http://www.kiest.org>

3.

()	가
	가
	7 가

4.

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2		, , , , , . .
3		, . , . .
4		, ,
5		. . . 가 . ,
6		. ,

5.

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