













Road Map of Green Building Movement

2009

Establishment GBCI

2010

Launching Greenship Rating Tools

2012

• Jakarta Governor Decree No.38/2012 for Green Building

2015

Ministry Decree No.2/2015 for Green Building















JAKARTA GREEN BUILDING REGULATION



Governor Decree No.38/2012



GOAL & VALUE

GOVERNMENT



AS A COMMITMENT FOR DECREASING CO2 EMISSION

BUILDING OWNER , TENANTS AND VISITOR



GREEN BUILDING DESIGN, CONSTRUCTION AND OPERATION (covering: electricity, water, site design, IAQ, O&M)



OFFICE, MALL, APARTMENT

TOTAL FLOOR AREA ≥ 50.000 M²

HOTEL, HEALTH FACILITY



TOTAL FLOOR AREA ≥ 20.000 M²

EDUCATION FACILITY



TOTAL FLOOR AREA ≥ 10.000 M²







JAKARTA GREEN BUILDINGS



NEW BUILDING **EXISTING BUILDING**

GOVERNOR DECREE FOR GREEN BUILDING MANDATORY

GREEN BUILDING CERTIFICATION
BY GBCI
VOLUNTARY







Ministry of Public Works & Housing Decree No.2/2015 for Green Building



- To be implemented at National Level
 - To all 34 provinces
- 3 Levels of Participation:
 - Mandatory: for big scale building (complex structure)
 - Recommended: for medium scale building
 - Voluntary: for small scale building (incl. housing)
- Certification
 - Will be done by each Local Government
 - No incentive policy yet

- Demonstration projects
 - 7 provinces appointed
- Projects scale:
 - Medium size
 - 1500 3000 m² floor area
 - 2 storey building
 - Just appropriate for ZEB
- Current status:
 - Retrofitting for existing buildings to achieve Green Building
 - Socialization to stakeholders at province level
 - Setting up infrastructure: capacity building for inspectors and professionals









Comparison of:

Green Building Rating Tools











GREEN MARK GREEN	NSHII
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	LEI	ED NC	Green Mark NRB		GREENSHIP NB		Permen PU No.2/2015	
CATEGORIES	No. of Credit	%	No. of Credit	%	No. of Credit	%	No. of Credit	%
Sites	26	23,6%	32	22,86%	17	16,83%	41	24.55%
Water	10	9,1%	14	10%	21	20,79%	25	14.97%
Energy	35	31,8%	79	56,43%	26	25,74%	40	23.95%
Material	14	12,3%	-	-	14	13,86%	18	10.78%
IEQ	15	13,6%	8	5,71%	10	9,9%	19	11.38%
Management	-	-	Incl in Site	-	13	12,87%	-	-
Waste Management							10	5.99%
Waste Water							14	8.38%
Innovation	6	5,5%	7	5%	-	-	-	-
Reg. Priority	4	3,6%	-	-	-	-	-	-
TOTAL	110	100%	140	100%	101	100%	167	100%
GREE BUILDING COUNCIL INDONESIA								airkon



Green Building Certification Level











BREEAM				
Pass	30 %			
Good	45 %			
Very Good	55 %			
Excellent	70 %			

LEED			
Certified	37 %		
Silver	46 %		
Gold	55 %		
Platinum	72 %		

Green Mark			
Certified	36 %		
Gold	54 %		
Gold Plus	61 %		
Platinum	65 %		

GREENSHIP				
Bronze	35 %			
Silver	46 %			
Gold	57 %			
Platinum	73 %			



Permen PU No.2/2018			
Pratama	70 %		
Madya	75 %		
Utama	85 %		



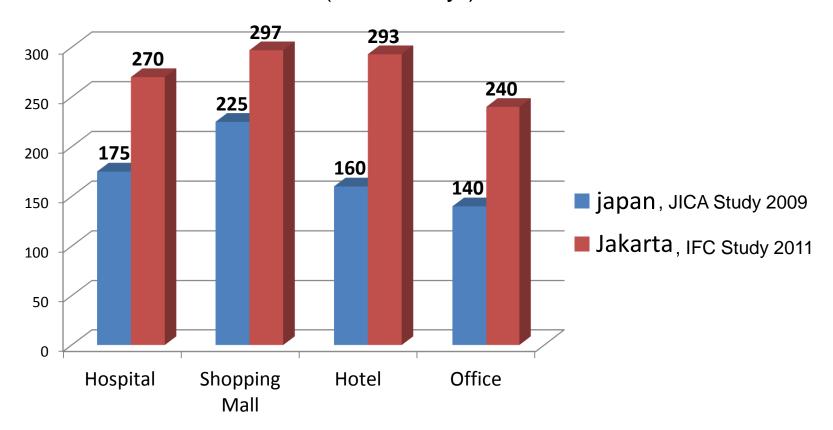








(KWH/m2.yr)



Building here are not efficient yet !!!



















GBCI CERTIFICATION

GREENSHIP for New Building (NB)

Design Recognition : 25 Projects

• Final Assessment (Certified) : 24 Projects

• GREENSHIP for Existing Building (EB)

• Design Recognition : (this step is N/A)

• Final Assessment (Certified) : 11 Projects

Resume:

• Registered Prospect : 74 Projects

• Final Certified : 35 Projects







Total Certified Green Building



Nama Provok	NI A (m2)	Energy	y Saving	CO2 Reduction (Ton)	
Nama Proyek	NLA (m2)	%	KWH/year		
New Building (Certified)	93,038	35,0%	10,265,259	9,146	
Existing Building	421,209	11.2%	14,565,148	12,978	
TOTAL	514,247	19.3%	24,830,406	22,124	



















THANK YOU

"Start the change from now, to make better life in our earth"



EXTRA SLIDES



Green Building Council of Indonesia





Not for profit organization

- Starting by 7 initiator
- Established : April 2008 by 50 core founder : individu professional and practitioner
- Developer, designer, architect, building & facility management, contractor, supplier etc
- Architects, mechanical & electrical engineer, interior desinger, landscape and etc.
- > 20 corporate founding member

GBCI is a Member of World Green Building Council (WGBC)

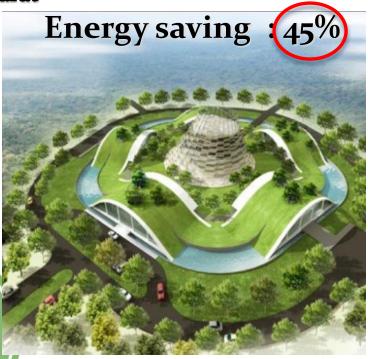


Gedung Bersertifikat GREENSHIP

Gedung Utama Kementerian PU,



Kantor Manajemen Pusat PT. Dahana, Subang -Jawa Barat



PLATINUM

GREENSHIP New Building Tertanggal: 20 Januari 2012

PLATINUM

GREENSHIP New Building

Tertanggal: Maret 2013





Gedung Bersertifikat GREENSHIP





GOLD

GREENSHIP New Building Tertanggal: 10 April 2013



Bank Indonesia Solo



GOLD

GREENSHIP New Building Tertanggal: 28 Januari 2014







Gedung Bersertifikat GREENSHIP





Green Office Park 6, Serpong-Banten

GOLD

GREENSHIP New Building Tertanggal: 23 Mei 2015

Santa Fe Head Office Indonesia, Karanggan-Bogor -Jawab Barat

GOLD

GREENSHIP New Building

Tertanggal: 13 November 2015





Gedung Bersertifikat GREENSHIP



Wisma Subiyanto, Jakarta

SILVER

GREENSHIP New Building Tertanggal: 23 April 2015

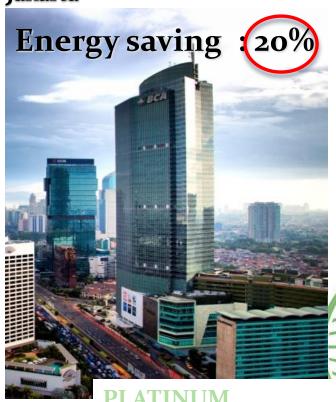




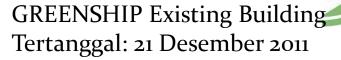
EXISTING BUILDING CERTIFIED

Gedung Bersertifikat GREENSHIP

Grand Indonesia Office Tower, Jakarta







Pasific Place Mall Jakarta



PLATINUM

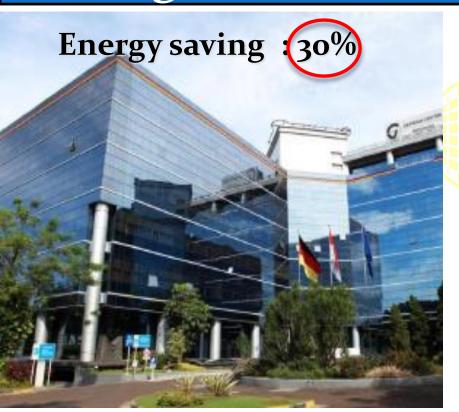
GREENSHIP Existing Building Tertanggal : 5 Februari 2014





EXISTING BUILDING CERTIFIED

Gedung Bersertifikat GREENSHIP



Graha Telkomsigma- Serpong

GOLD

GREENSHIP Existing Building Tertanggal : 10 April 2013



Sampoerna Strategic Square, Jakarta

GOLD

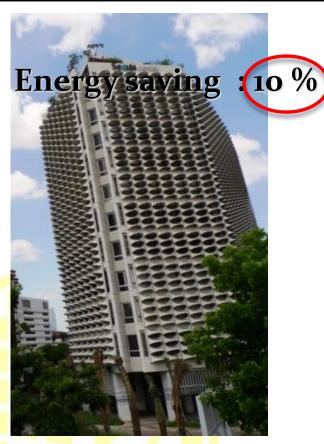
GREENSHIP Existing Building Tertanggal: 10 September 2012





EXISTING BUILDING CERTIFIED

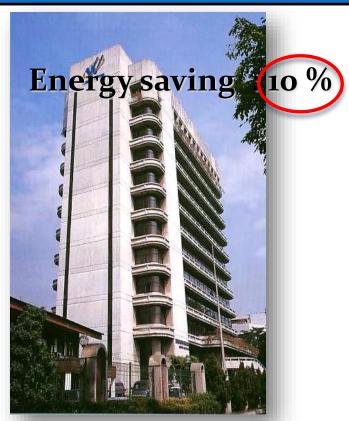
Gedung Bersertifikat GREENSHIP



Sequis Center, Jakarta

GOLD

GREENSHIP Exisiting Building Tertanggal: 13 Juli 2015



Gedung Waskita, Jakarta

GOLD

GREENSHIP Exisiting Building Tertanggal: 13 November 2015

