

# International Presidents' Forum 2019

@ JIA National Convention 2019 in Hirosaki



<Theme: SDGs and Architects>



Venue: Art Hotel Hirosaki City 3F

Date: 18<sup>th</sup> October, 2019

Time: 9:30~11:30



Host: The Japan Institute of Architects (JIA)

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JIA 建築家大会2019  
青森 in HIROSAKI

JIA National Convention 2019 Aomori in Hirosaki  
Hosted by the JIA Tohoku Chapter

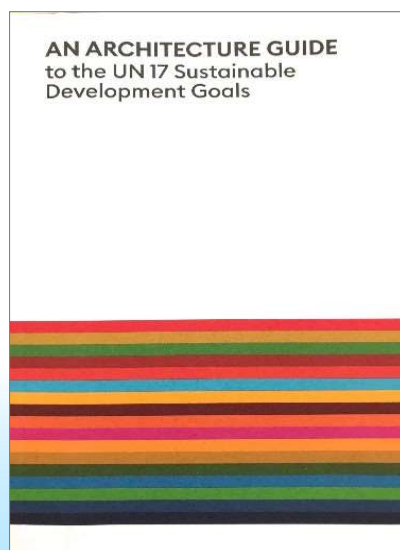


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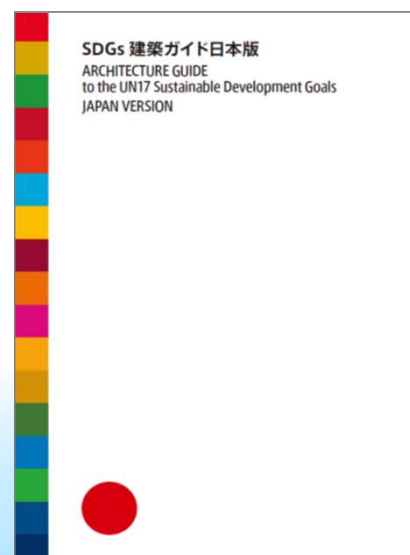
On the occasion of publishing “SDGs Architecture Guide Japan Version” by JIA,  
the theme of IPF 2019 will be <SDGs and Architects.>



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Edited & published in December 2018  
by KADK, Danish Association of Architects  
and UIA SDGs Commission



Edited & published in October 2019  
by The Japan Institute of Architects

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## Structure of the Japan Version

ゴールの解説 Goal description				各ゴールの建築事例 Architectural examples of each goal		
ゴール番号 Goal number	17色アイコンカラー 17 icon colors	メインタイトル・サブタイトル Main title, Subtitle	17色正方形アイコン 17-color square icons	名称 Title	建築事例番号・事例の所在地/設計者/建築主/竣工年 Example number, Location/Architect/Client/Year of completion	
1	青	貧困をなくそう NO POVERTY Ensuring that all have decent standards of living		矢野町中町第二災害公営住宅 Public Reconstruction Housing in Nakamachi 2-chome	17-2 17-2-1 17-2-2 17-2-3 17-2-4 17-2-5 17-2-6 17-2-7 17-2-8 17-2-9 17-2-10 17-2-11 17-2-12 17-2-13 17-2-14 17-2-15 17-2-16 17-2-17	
ゴール解説 Goal description				取組課題・貢献内容 Challenge, Contribution		
建築環境の役割 (太字)・取組概要 (細字) Role of architectural environment (bold font), Overview of architectural approach (regular font)				写真・図版 Photos, Illustrations		

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## A Sample of Goal 17



### 日本建築家協会 (JIA) 災害対策会議 The Japan Institute of Architects (JIA) National Conference on Disasters

#### 取組課題

公益社団法人であるJIAは阪神淡路大震災後の1995年、本部に災害対策部門を設置し、以来日本でも多発する多様な災害に対し、全国的なネットワーク組織を活用し、地域の自治体や支部とともに国内で以下のような復興支援活動を持続的に実践している。また、国際建築家連合 (UIA) やアジア建築家評議会 (ARCASIA)、JIA協定国等を通じた海外からの要請に応じて、多くの復興支援に関わる国際ワークショップを企画・実施することも活動の重要な側面である。

#### 貢献内容

本部門の設置以来、全国の支部とともに国内外に向けた災害対策活動を展開してきた。対国内としては、被災地の調査・地震災害や火災等の都市災害後の調査、被災建物の危険度判定活動：阪神・淡路大震災や新潟中越沖地震、岩手・宮城内陸地震等における被災建物の危険度判定活動、そして被災地の復興に関する助言活動等、専門家としてのボランティア活動を行った (図参照)。また対外的には、パキスタン地震、ジャワ島地震等に関連して、JIAの国際的なネットワークを通じた支援活動としてワークショップや事例の見学会等を実施した。

#### CHALLENGE

As a Public Interest Incorporated Association, The Japan Institute of Architects (JIA) established the National Conference on Disasters in 1995, right after Hanshin-Awaji Great Earthquake. Using JIA's national network, and by cooperating with municipalities and JIA branch offices, this Conference has been continuously supporting recovery for various disasters that frequently occur in Japan (stated below). In addition, one of its major activities is planning/conducting international workshops regarding recovery support for various disasters, in response to overseas requests via the International Union of Architects (UIA), Architects Regional Council Asia (ARCASIA), and JIA partner countries.

#### CONTRIBUTION

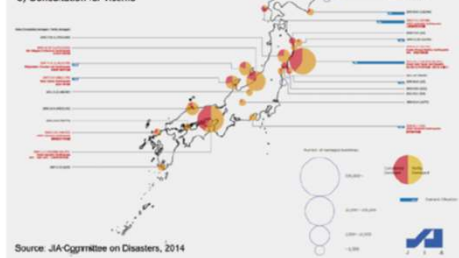
Since the establishment, it has been conducting a variety of disaster relief activities at both national and international levels. The former includes the investigations on affected areas about aftermath conditions of damages by earthquakes and/or fires to support the regional reconstruction, the danger judgement activity on affected buildings at Great Hanshin-Awaji Earthquake, Niigata Chuetsu Offshore Earthquake, Iwate/Miyagi Inland Earthquake etc., and various volunteer advice activities in affected areas for reconstruction as experts (cf. attached figure). The latter is represented by the international supporting activities through its international network for the earthquakes in Pakistan, Java etc., associated with related workshops and on-site visits of the case practices, etc., among others.

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東京都市区  
JIA災害対策会議  
Shibuya Ward, Tokyo  
JIA National Conference on Disasters  
1995-

### Emergency Architects for Disaster Relief

sent by JIA nationwide to date for:  
1) Aftermath investigations in general  
2) Damage level diagnosis of affected buildings  
3) Consultation for victims



Source: JIA Committee on Disasters, 2014

JIAの国内災害対策マップ Emergency disaster relief of JIA



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## UIA SDG Dhaka Declaration (14<sup>th</sup> April 2019)

We call on architects worldwide to take action in their own practice, and as civic leaders, to shape their work and their words to help achieve these goals:

- 1. End poverty:** Architects can seek to build in ways that help to eradicate poverty, by designing low-cost housing and institutional spaces that are safe, healthy, and resilient.
- 2. End hunger:** Architects can, through planning, landscape, and building design, protect ecosystems and preserve areas for food production.
- 3. Good health and well-being:** Architects can design to reduce exposure to communicable diseases and pollution, provide daylight, good acoustics and air quality, and promote healthy levels of activity.
- 4. Quality education:** Architects can design educational facilities that are affordable and inclusive.
- 5. Gender equality:** Architects can help shape buildings, settlements and urban areas to include all persons, regardless of gender, and can work to promote gender equality in the design and construction industry.
- 6. Clean water and sanitation:** Architects can design in ways to avoid water waste or excessive runoff, and to reduce the encroachment of saltwater on freshwater aquifers and bodies.
- 7. Affordable and clean energy:** Architects can incorporate renewable energy production in buildings and settlements designed for low energy use by adapting to local geographic, climatic and cultural conditions.
- 8. Decent work and economic growth:** Architects can specify building materials produced in safe and clean environments, and work to ensure fair and safe conditions in construction and demolition processes.

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## UIA SDG Dhaka Declaration (Cont'd)

- 9. Industry, innovation and infrastructure:** Architects can seek to use services, products and systems that pollute less, use less energy, produce less waste, and provide solutions that are safe, healthy and affordable.
- 10. Reduced inequalities:** Architects can promote design and planning approaches that are socially responsible, inclusive, and accommodate the needs of all people.
- 11. Sustainable cities and communities:** Architects can promote measures that help to make cities more inclusive, safer and more resilient, and adaptive to anticipated climate change, with special attention to vulnerable segments of society.
- 12. Responsible consumption and production:** Architects can seek to design for durability and for sustainable life cycles in building components and materials, favoring renovation and the use of recycled materials.
- 13. Climate change:** Architects can reduce climate-changing emissions associated with the construction and operation of the buildings, and make their designs adaptable to anticipated changes in climate.
- 14. Life below water:** Architects can exercise special care for buildings and settlements in coastal regions and in fragile aquatic ecosystems, and ensure that runoff and construction waste does not lead to water pollution.
- 15. Life on land:** Architects can promote urban development that minimizes sprawl, reduces threats to biodiverse habitats, and can integrate landscapes that provide habitat and connect with larger ecosystems.
- 16. Peace, justice and strong institutions:** Architects can design in ways that embodies our higher values, can involve the public, promote inclusion, and advocate for honest governance in practice.
- 17. Partnerships for the goals:** Architects can join with other professions, with civic institutions, and with fellow citizens, to advance the goals. Working together we can achieve a prosperous and sustainable future.

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## IPF 2019 Time Table:

Date: 18<sup>th</sup> October 2019



- 09:00 Doors Open
- 09:30 Welcoming Address: JIA President
- 09:35 Program Presentation: Moderator
- 09:40 Introduction of the Participants
- 09:45 Presentations and Q&A
  - 1) JIA, 2) AIA, 3) ASA, 4) KIRA, 5) KIA, 6) SA,
  - 7) ARCASIA
- 11:00 Discussion
- 11:20 Closing Remarks: Moderator
- 11:25 Photo Session
- 11:30 Adjournment

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Theme:



Sustainable Development Goals (SDGs)  
and  
Architects



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## Subject Statement:



The 17 SDGs are bold and noble statements. Some SDGs are more directly related to the designing of the built environment. Others are only indirectly affected by the hardware of architecture and landscape architecture.

Because they cover a very wide range of human living, and statements are necessarily general and vague, whatever you do, you can almost always find an interpretation that qualifies your project as satisfying one or two SDGs or even more.



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## Subject Statement (cont'd):



If a set of criteria for a purpose is too vague, and thus easy to qualify, there is a danger that that purpose is used for non-substantive branding exercise only. But SDGs address serious issues we face today, and are a worthy set of values that we wish to see penetrate the design professions, with real results and effects.

It requires deep understanding of what they need to achieve, as well as creative thinking about what our profession can do that is really significant in each of the goals.



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### Inquiry-1:



In your country, is there much enthusiasm towards SDGs discussions and implementation among planners, architects, designers, and policy makers?

If so, please discuss successful design / built projects in this regard.

If not, why?



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### Inquiry-2:



Do you, as a professional organization, offer any program to promote awareness of SDGs, and teach their applications to architecture?



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MC & Moderator:



**Kazuo Iwamura**

Past Vice-President, JIA  
(The Japan Institute of Architects)  
& UIA Region IV  
(International Union of Architects)  
Member, UIA SDGs Commission



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IPF 2019 in Hirosaki

Wrapping up the discussions  
about  
“SDGs and Architects”

by  
Kazuo IWAMURA



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# Some keywords from the discussions about “SDGs and Architects” @ IPF 2019 in Hirosaki

Accessible  
Adaptive  
Affordable  
Biodiverse  
Clean  
Collaborative  
Connected  
Creative  
Cultural  
Decent  
Durable  
Economic  
Ecological  
Environmental  
Equitable  
Healing  
Healthy  
Human

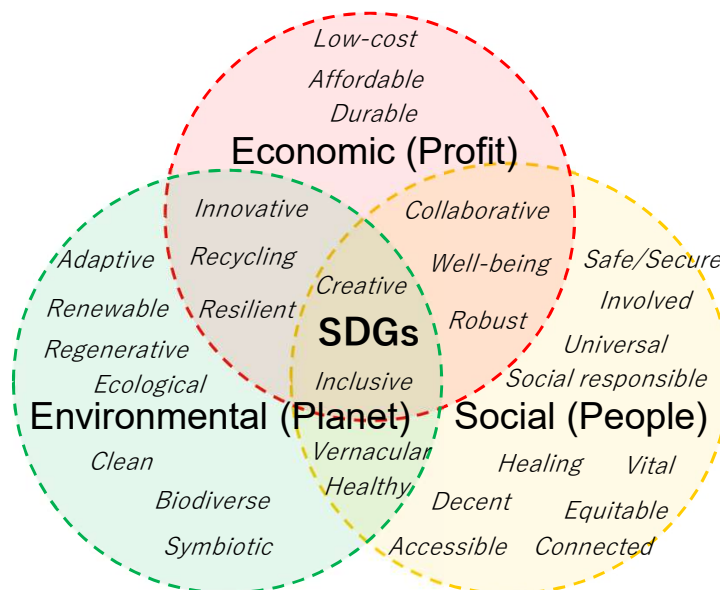


Inclusive  
Innovative  
Involved  
Low-cost  
Recycling  
Regenerative  
Renewable  
Resilient  
Safe/Secure  
Social responsible  
Sustainable  
Symbiotic  
Transparent  
Universal  
Vernacular  
Vital  
Well-being

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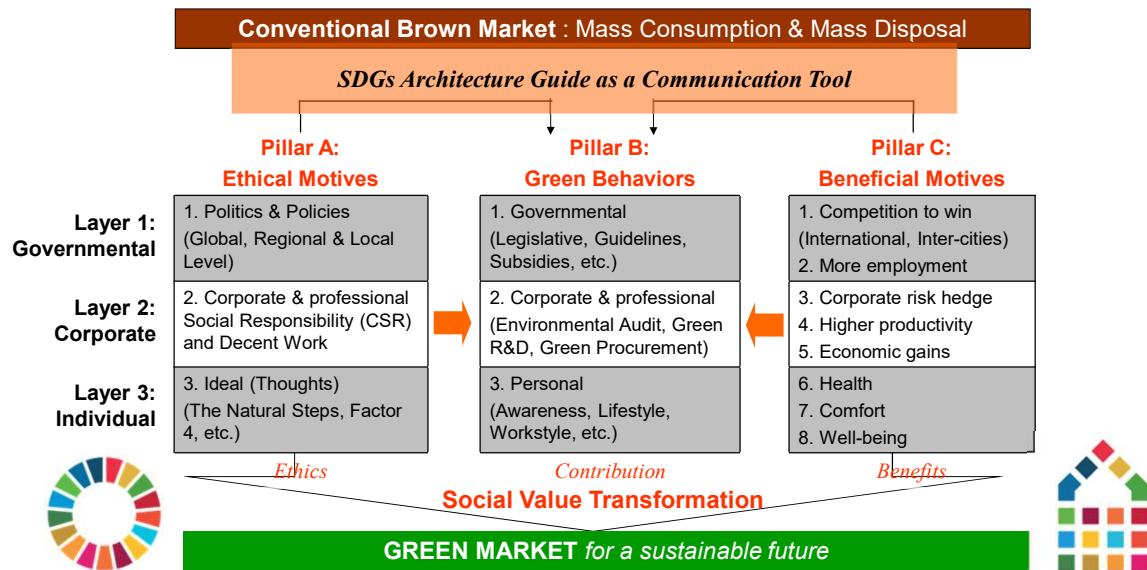
# Sustainable TBL (Triple Bottom Line) for “SDGs and Architects” @ IPF 2019 in Hirosaki



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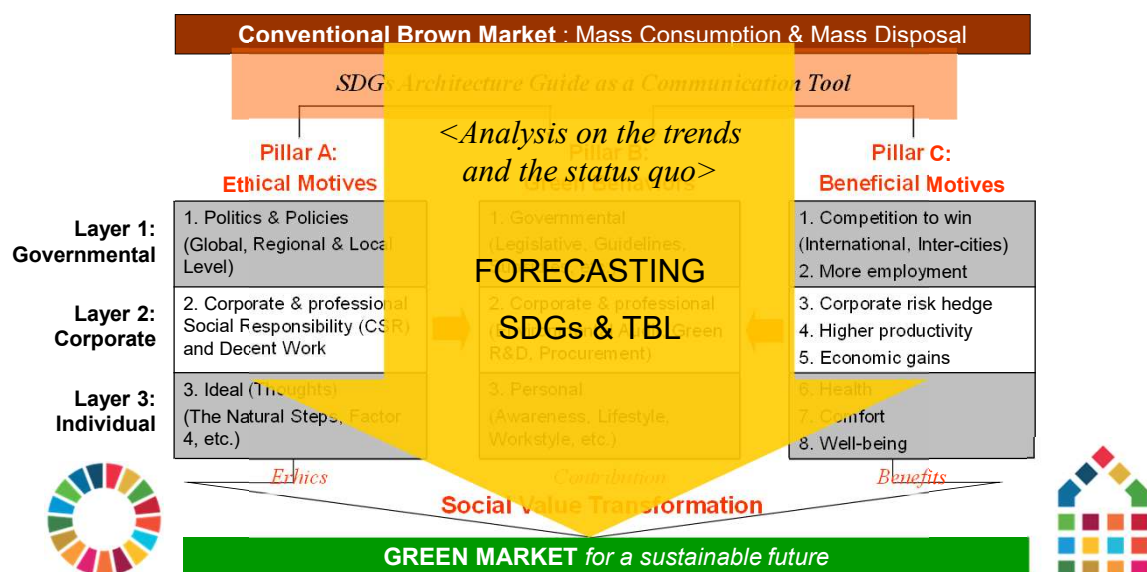
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## Architects to be involved in SDGs & TBL by greening Market



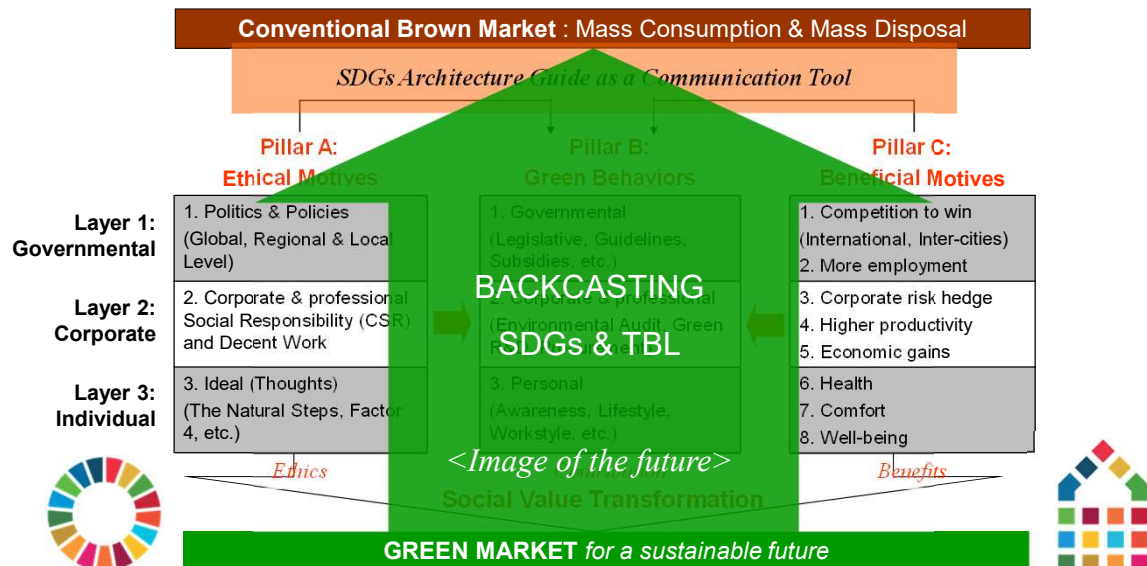
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## Architects to be involved in SDGs & TBL by Forecasting



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## Architects to be involved in SDGs & TBL by Backcasting



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Wrapping up the discussions about “SDGs and Architects”  
@ IPF 2019 in Hiroasaki

Let's keep in touch  
through

the worldwide networking  
as shown herewith for instance  
to achieve SDGs together,  
**leaving nobody behind!!**



Sveriges Arkitekter



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## Contributors to IPF 2019 in Hirosaki, AOMORI



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“SDGs and Architects”  
@ IPF 2019 in Hirosaki, AOMORI



Thank you  
for your cooperation!!



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