Contribution to UN SDGs
ISO/TC 207 on Environment Management

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Contribution to UN SDGs

ISO TC 207

13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries
13.2 Integrate climate change measures into national policies, strategies and planning
13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning

**climate action (ISO14080:2018 3.1.1.1)**

Initiative to achieve climate change measures or goals based on mitigation and/or adaptation priorities under climate change policies

Note 1 to entry: Climate action intends to
a) reduce or prevent emissions or enhance removals, and
b) reduce vulnerability, maintain and increase the resilience, and increase adaptive capacity of human and ecological systems from adverse climate change impacts.
Climate action with UN SDGs

01 Paris agreement
Encourage to establish long-term goals and scope for mitigation and adaptation, for enhancing adaptive capacity, strengthening resilience and reducing vulnerability to climate change, taking into account the elements of sustainability development such as the 17 UN Sustainable Development Goals (SDGs) of the 2030 Agenda.

02 Government and non-state actors
Supports all countries, both developed and developing, to better understand and develop their nationally determined contributions.

03 Technological and non-technological innovation
Support to technological and non-technological innovation, behavior change, and policy deployment toward 2030 and SDGs.

04 Communication
Reduce the risk of inconsistencies in the reporting of aggregated climate actions. The methodology profile can be used to communicate relevant information to interested parties in order to review the overall contribution.

05 Transparency and Governance
Accountability for climate actions. Transparency and consistency in methodologies with appropriate controls, shares best practice.

06 Risk management
Designed strategically, in line with climate action, and risk-based approach, including the climate risk and its associated financial risk. Active harmonization of UN SDGs framework and Sendai Framework for disaster risk reduction.
Block chain and climate action: innovation for life of infrastructure

Common framework platform where the standard users can report and measure aggregated global climate action. For example, various communities can upload their monitoring data on the off-peak charging of batteries for electric vehicles, which facilitates lower emissions and costs, and are thus able to evaluate this non-technological innovation action. Such a framework enables the various communities to be linked and to transfer practical knowledge for creating shared value (CSV) for environmental, social and economic benefits.

### 01 Renewable and Low carbon energy
Boost demand on renewable energy and low carbon energy

### 02 Technology innovation
Encourage technology innovation and its transfer to automotive and residential sectors

### 03 Behavior change
Drivers for electric vehicles and e-motor riders will commit to participate the climate action and receive incentive

### 04 Electric vehicles and bikes
Battery charging for electric vehicles and 2 wheels e-motors by renewable energy or low carbon energy

### 05 Block chain
- Quality of data infrastructure and avoid fraud
- Monitoring individuals action
- Simplified verification
- Facilitate participants’ trade with bitcoin

### 06 Economical benefits
Drive opportunities for economical benefit with new technology and bitcoin for participants

### 07 Social innovation
Drive innovation of quality of life of infrastructure

### 08 Resilience and adaptation
The charged vehicles can use to support our life, in case of extreme and unusual climate events
Climate action connecting social innovation with renewable energy to UN SDGs

- Charging battery with renewable energy
- Technology transfer of use for fuel cells
- Reduce emission for automotive sector
- Continuous monitoring by individuals
- Simplified report
- Provide incentive and trade with bitcoins
- Support demand for renewable energy
- Support demand for low carbon energy
- Participation of residential sectors
- Consistent to Paris agreement
- Quality of data infrastructure
- Simplified verification
Yes We Move On and On for society

Block chain, climate action with UN SDGs will encourage technology and non-technology innovation and change our life and society.

**Renewable and low carbon**
Use renewable energy and/or low carbon energy

**Technology innovation**
Use block chain without data error, omission, misstatement and simplified verification
Use battery charging for electric vehicles and 2 wheels E-motors

**Behaviour change**
**Individual commitment**
Drivers for electric vehicles and riders for e motors will commit to participate the global climate action and bring incentive

Standard, ISO14080 will support such global climate action.
REFERENCE: Conformity Assessment around ISO TC207, accreditation to contribute for UN SDGs

• ISO/IEC 17021+ Food Management Systems: JFSC certificate
• ISO/IEC TS 17021-10 (OHSMS) : ISO 45001 certificate

• ISO/IEC 17021-2+ Environmental Management Systems: ISO 14001
• ISO14065 (climate change): ISO 14064-1, ISO14064-2, Carbon footprint, ISO14067, ICAO CORSIA, ISO14080 and climate finance verification
• ISO17020 (environment): ISO14034 environmental technology verification

• ISO/IEC 17065(sustainable fisheries): MEL certification
• ISO/IEC 17065(sustainable forest): SGEC product certificates