

COOL EARTH VIA MICROBES IN AGRICULTURE

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The 1st International
Kick-off Symposium

Greetings NEDO: Kenji Yamaji, Program Director, Moonshot Goal 4 / Senior Vice President, Director-General, RITE, Japan
INRAE: Jean-Francois Soussana, Vice-President of the INRAE, France
NARO: Kazuo Kyuma, President, National Agriculture and Food Research Organization, Japan
Opening remarks: Motoko Kotani, Executive Vice President for Research, Tohoku University, Japan
Joint Linkage call: Florent Chazarenc, INRAE, France



Kiwamu Minamisawa
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Claire Chenu
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Marta Goberna
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Akihiko Okada
TSC, NEDO
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Mitigation of GHG
by optimizing
N and C cycles

Microorganisms
acting as a N₂O
sink in soil

Ecological niche
theory for
inoculant

Towards climate-
smart and sustainable
agriculture

Trade-offs between
C, GHG, and nutrient
losses

Rising to the
challenge of N₂O
suppression

Mitigation of N₂O
emission from
agricultural fields



New Energy and Industrial Technology
Development Organization

