

**INTERNATIONAL SMART & SUSTAINABLE
CITIES & COMMUNITIES EXPOSITION AND
NETWORKING ENGAGEMENT**

SYNERGY UNLEASHED: BECOMING SMART AND SUSTAINABLE COMMUNITIES THROUGH STRATEGIC PARTNERSHIPS

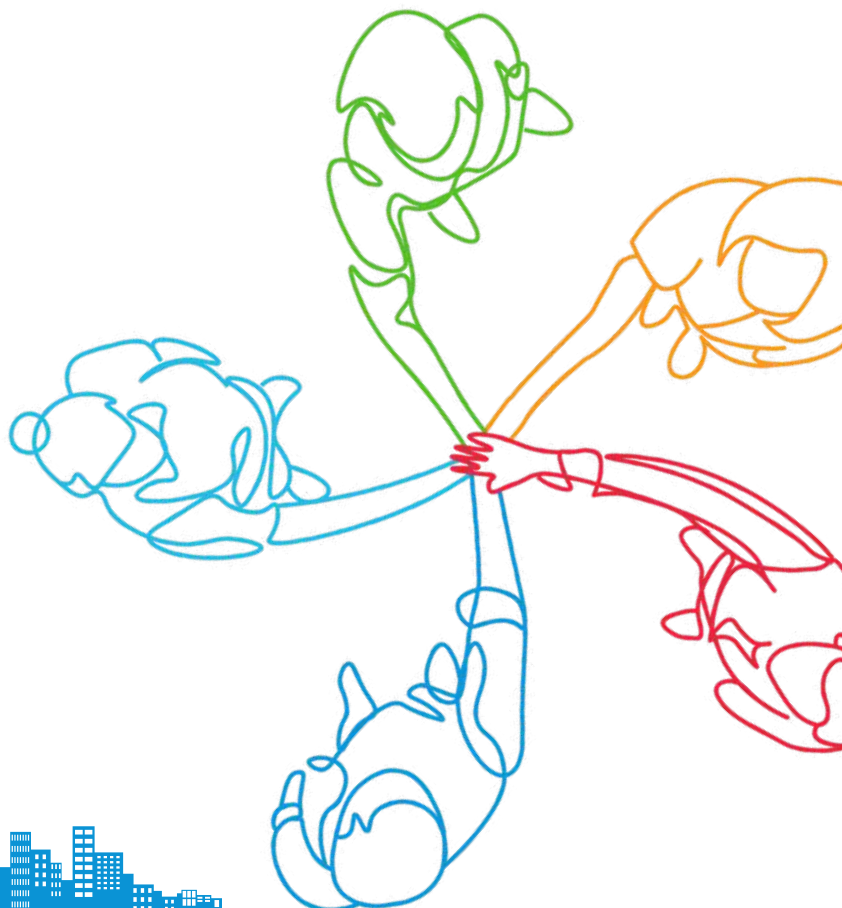


April 11-13, 2024

Isabela Convention Center (ICON)
Cauayan City, Isabela, Philippines

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EVENT BRIEF

Following the success of the First International Smart City Exposition and Networking Engagement (iSCENE) held in March 2023 with the overwhelming participation of 1,172 attendees from the LGUs, national government agencies, international speakers, academe, exhibitors and service providers, the City Government of Cauayan, Department of Science and Technology and the Isabela State University are set to stage the **2nd International Smart City Exposition and Networking Engagement (iSCENE 2024) on April 11 to 13, 2024 at Isabela Convention Center, Cauayan City, Isabela** with the theme “**Synergy Unleashed: Becoming Smart Cities Through Strategic Partnerships.**” iSCENE 2024 aims to serve as an avenue where government leaders, industries, innovators and academic institutions can explore opportunities for knowledge-sharing and collaboration as a strategic model in creating smart and sustainable communities. It will highlight discussions on synergistic approaches in building partnerships, with sharing of best practices and strategies by international and national stakeholders that local governments can replicate for the realization of the Transforming LGU’s towards Society 5.0 project spearheaded by the DOST, with combined efforts from the DILG, DICT and DAP.

iSCENE 2024 is the highlight of this year’s celebration of Cauayan City’s Smarter City and SDG Day, in commemoration of the recognition of the city as the First Smarter City of the Philippines given last March 25, 2015. It coincides with the city’s annual celebration of its Gawagaway-yan Festival as thanksgiving for Cauayan City’s bountiful harvest and milestones of success for the year.

AT A GLANCE

Smarter Technologies Exhibition



Showcase of products, services and solutions of DOST technologies and industry partners.

Business Matching

Networking with industries and service providers for collaboration opportunities.



Reverse Pitching

Simulation of the tripartite partnership among Local Government Units (LGU), Higher Education Institutions (HEI), Department of Science and Technology (DOST) and Industry players towards establishing startup ecosystem.



Leader’s Forum

Gathering of leaders and changemakers from around ASEAN countries to discuss key topics of relevance to smarter and sustainability programs.



Speakers’ Session

Lecture series by dynamic speakers and experts about transformative and innovative solutions.



Networking Engagement

Socialization among leaders for networking and partnership



Celebrating Partnerships

Platform for linking partnerships established, launching of projects, knowledge sharing, showcasing cutting-edge research, technological advancements, and successful case studies.



Technology Transfer

Opportunity to discuss details and commitment for possible transfer of technologies.



Gawagaway-yan Festival

Festive experience that commemorates the success and progress of the City of Cauayan.



GENERAL PROGRAM OF ACTIVITIES

ARRIVAL

Cauayan City Airport, Isabela

Registration and Claiming of Kits
SM CITY Cauayan

iDEA+ (Pivoting & Leveraging Unique Solutions): A Reverse Pitching
Theme: Renewable Energy & Energy Storage Solutions Towards Smarter and Sustainable Cities & Communities
Maximilian Hotel

Streetdance Competition and ShowdownGuerrero Kids
Sports Complex

Dinner @Banchetto with Voucher
Exclusive Dinner for VIP's @ICON
Fireworks Display

Ingress
ICON

APRIL

10

DAY 0

APRIL

11

DAY 1

iDEA+ Reverse Pitching Presentation (TED Talk Style)
ICON Main Hall

Arrival of VIP's & Ribbon Cutting of Bazaar (pasalubong center) powered by oneSTORE
Cauayan City Airport

Opening Ceremonies
ICON Main Hall

Synergy Unleashed: 80 LGU's Journey

AVP of Smart and Sustainable Journey of the 80 PILOT LGUs Highlighting their Accomplishments, Events and Activities

Launching of SDG 7 (Affordable and Clean Energy) SET Roadmap of Cauayan City

Press Conference
VIP Meeting Room

Networking Engagement & Fellowship
Theme: Hawaiian @ICON Main Hall

PLENARY SESSIONS:
INTERNATIONAL ENGAGEMENT AND LINKAGES

START-UP ECOSYSTEM

Sharing of Best Practices and initiatives of LGUs

DOST ATTACHED AGENCIES SMART INITIATIVES AND PROGRAM
ICON Main Hall

LOCALIZING SDG 7: SMART AND SUSTAINABLE ENERGY TRANSITION FOR CITIES AND COMMUNITIES

WATER SUMMIT: SMART WATER INFRASTRUCTURE AND MANAGEMENT (SWIM)

Grand Coronation Night of Mutya ng Cauayan cum BAMBOO TEXTILE FASHION SHOW
Sports Complex

APRIL

12

DAY 2

SMART TECHNOLOGY EXPO (Breakout Sessions)
ICON Main Hall

MoCCoV Turnover & Olympics
ICON Exhibit Area

Business Matching and Technology Transfer

Celebrating Partnerships
Cauayan City SDG Park Storm Water Facility
SWIM building inauguration
KIST ground breaking at ISU Echague
San Mariano Agricorn Best Food
Turnover of the Material Recovery Facility

City Tour (Cauayan City Smart and Sustainable Projects)

Dinner and Fellowship
Hacienda de San Luis

APRIL

13

DAY 3



DAILY ACTIVITIES

April 10, 2024

ARRIVAL

Cauayan City, Isabela

01:00 - 05:00

Registration and Claiming of Kits

SM CITY Cauayan

08:00 - 05:00

iDEA+ (Pivoting & Leveraging Unique Solutions): A Reverse Pitching

Theme: Renewable Energy & Energy Storage Solutions Towards Smarter and Sustainable Cities & Communities

Maximilian Hotel

05:00 - 09:00

Streetdance Competition and Showdown Guerrero Kids

Sports Complex

05:00 - 09:00

Participants' Dinner with Voucher

Banchetto beside ICON

05:00 - 09:00

Exclusive Dinner for VIP's

ICON

05:00 - 09:00

Fireworks Display

ICON

05:00 - 10:00

Ingress

ICON

April 11, 2024

09:00 - 11:00

iDEA+ Reverse Pitching Presentation (TED Talk Style)

ICON Main Hall

10:40 - 10:55

Arrival of VIP's & Ribbon Cutting and Opening of Smart City Expo and Digital Store

Cauayan City Airport

11:25 - 12:30

Opening Ceremonies

ICON Main Hall

01:30 - 04:00

Synergy Unleashed: 80 LGU's Journey

ICON Main Hall

AVP of Smart and Sustainable Journey of the 80 PILOT LGUs Highlighting their Accomplishments, Events and Activities

ICON Main Hall

Launching of SDG 7 (Affordable and Clean Energy) SET Roadmap of Cauayan City

ICON Main Hall

04:00 - 05:00

Press Conference

VIP Meeting Room

06:00-onwards

Networking Engagement & Fellowship

Theme: Hawaiian @ ICON Main Hall

ICON Main Hall

APRIL 12, 2024

08:00 - 12:30

**PLENARY SESSIONS:
INTERNATIONAL ENGAGEMENT AND LINKAGES**

- Smart and Sustainable Communities in Global Perspective
- Synergistic Approach in Building Entrepreneurship and Innovation-Driven Nation
- Public-Private-Academe Partnership (PPAP): Strategic Model for Smart and Sustainable Communities

ICON MAIN HALL

01:30 - 02:30

START-UP ECOSYSTEM

- Start-up Programs in the Philippines
- The Role of ACADEME in Building Start-up-driven Nation
- Launching of Startup THRIVE (Transforming Higher Research & Innovation to Vibrant Enterprise)

02:30 - 03:00

Sharing of Best Practices and initiatives of LGUs

03:00 - 05:00

DOST ATTACHED AGENCIES SMART INITIATIVES AND PROGRAM

01:00 - 05:00

**SPECIAL SESSIONS:
LOCALIZING SDG 7: SMART AND SUSTAINABLE ENERGY TRANSITION FOR CITIES AND COMMUNITIES**

ICON ROOM 1

01:00 - 05:00

WATER SUMMIT: SMART WATER INFRASTRUCTURE AND MANAGEMENT (SWIM)

ICON ROOM 2

06:00-onwards

Grand Coronation Night of Mutya ng Cauayan cum BAMBOO TEXTILE FASHION SHOW

SPORTS COMPLEX

April 13, 2024

08:00 - 12:00

SMART TECHNOLOGY EXPO (Breakout Sessions)

ICON Main Hall

08:00 - 12:00

MoCCoV Turnover and Olympics

ICON Exhibit Area

01:00 - 05:00

Celebrating Partnerships

- Cauayan City SDG Park Storm Water Facility
- SWIM building inauguration
- KIST ground breaking at ISU Echague
- San Mariano Agricom Best Food
- Turnover of the Material Recovery Facility

Cauayan City
ISU Echague

ISU San Mariano
San Pablo

01:00 - 05:00

City Tour (Cauayan City Smart and Sustainable Projects)

Hacienda de San Luis

06:00 - onwards

Dinner and Fellowship

April 11-13, 2024

Day 1 - Day 3

08:00 - 05:00

Business Matching and Technology Transfer

ICON Business Meeting Room

TECHNO TIENDA (Smart Technologies Exhibition)

Exhibit Area

e-TIENDA (Consolidation of North Luzon Products) Cashless Transaction

ICON 2nd Floor



EXHIBITORS

DOST - Philippine Council for Industry, Energy and Emerging Technology Research & Development (PCIEERD)

DOST - Philippine Council for Health Research & Development (PCHRD)

DOST - Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (PCAARRD)

DOST - Advanced Science and Technology Institute (ASTI)

DOST - Forest Products Research and Development Institute (FPRDI)

DOST - Food and Nutrition Research Institute (FNRI)

DOST - Industrial Technology Development Institute (ITDI)

DOST - Metals Industry Research and Development Center (MIRDC)

DOST - Philippine Science High School (PSHS)

DOST - Technology Application and Promotion Institute (TAPI)

Isabela State University

Cagayan State University

Caraga State University

DICT Region 02

Business Intelligence Research and Development Center (BIRDC)

Cagayan Valley Agriculture, Aquatic and Natural Resources R&D Center (CVAARRD)

Cagayan Valley Industry, Energy and Emerging R&D Center (CVIEERDEC)

Cagayan Valley Health Research and Development Center (CVHRDC)

mWell Philippines

SPONSORS:

- Everise
- Hytec Power, Inc

e-TIENDA (Consolidation of North Luzon Production, Wholesale, and Distribution)



Day 0 (April 10, 2024)
Dress Code: Smart Casual Attire

TIME	ACTIVITY	VENUE
Morning	ARRIVAL	
10:00 - 11:00 AM	Fly in via Cebu Pacific	Cauayan City Airport
12:00 - 01:00 PM	Welcome Lunch (by invitation only)	ISU Cauayan Ground
01:00 - 05:00 PM	Registration and Claiming of Kits	SM City Cauayan
01:00 - 10:00 PM	Ingress	ICON
09:00 - 06:00 PM	iDEA+ (Pivoting & Leveraging Unique Solutions): Reverse Pitching Theme: Renewable Energy & Energy Storage Solutions Towards Smarter and Sustainable Cities & Communities	Maximilian Hotel
05:00 - 09:00 PM	Streetdance Competition and ShowdownGuerrero Kids*Dinner @ Banchetto with Voucher*Exclusive Dinner for VIP'sFireworks Display	Sports Complex
End of Day 0		



REVERSE PITCHING

Day 0 | APRIL 10, 2024 | 09:00 - 06:00 PM | MAXIMILIAN HOTEL | Dress Code: SMART CASUAL ATTIRE

iDEA+ (Pivoting & Leveraging Unique Solutions)
Theme: Renewable Energy & Energy Storage Solutions Towards Smarter and Sustainable Cities & Communities

09:00 - 09:20 AM	Preliminaries	Secretariat
09:20 - 09:30 AM	Welcome Remarks	DR. PRECILA C. DELIMA Executive Officer, ISU Cauayan Campus
09:30 - 09:40 AM	Inspirational Message	DR. RICMAR P. AQUINO University President, ISU
09:40 - 09:50 AM	Inspirational Message	ENGR. SANCHO A. MABBORANG Undersecretary for Regional Operations, DOST
09:50 - 10:00 AM	Message of Support	TESA ORTEGA Account Manager, Smart Cities Aboitiz Data Innovation

Workshop Proper

10:00 - 10:30 AM	Mechanics	MR. MATT MATIAS Project Development Officer, DISC-TBI
10:30 - 12:00 PM	Introduction to Design Thinking Problem Framing	MR. ABAD ENRIQUEZ Training & Innovation Consultant
12:00 - 01:00 PM	LUNCH	
	Ideation	MR. ABAD ENRIQUEZ Training & Innovation Consultant
	Prototyping	MR. MATT MATIAS Project Development Officer, DISC-TBI
01:00 - 04:50 PM		MR. RICHARD DAY President, Upgrade Innolab Inc.
	Pitching Workshop	MR. VAL ANTHONY CIMA FRANCA Operations Manager, Upgrade Innolab Inc.
04:50 - 05:00 PM	Closing Message	DR. BETCHIE E. AGUINALDO Project Lead, DISC-TBI & BIRDC Director
05:00 - 05:30 PM	Pitching Simulation & Dry Run (Isabela Convention Center)	Secretariat



OPENING OF THE iSCENE 2024

Day 1 | APRIL 11, 2024 | 08:30 - 05:00 PM | ICON MAIN HALL | Dress Code: FILIPINIANA/BARONG

MORNING	OPENING SALVO - FESTIVE DANCERS	ICON MAIN HALL
08:00 - 08:30	Preliminaries	Secretariat
08:30 - 08:40	Welcome Remarks	DR. ENRICO C. PARINGIT Executive Officer, DOST- PCIEERD
08:40 - 10:30	Pitching Proper	Secretariat
10:30 - 10:40	Closing Message	DR. VIRGINIA G. BILGERA Regional Director, DOST R02
10:40 - 12:00	Awarding	Secretariat
10:35	Arrival of VIP's @ Cauayan City Airport	
10:40 - 10:55	Ribbon Cutting of Bazaar (pasalubong center) powered by oneSTORE	Cauayan City Airport
11:25 - 12:30	OPENING CEREMONIES	Drum Beaters and Dancers
	Ribbon Cutting & Opening of Smart City Expo, TECHNO TIENDA and eTIENDA	VIPs OFFICIALS
	Invocation National Anthem	LGU CHORALE
	Welcome Remarks	HON. CAESAR S. DY JR. Mayor, Cauayan City
	Opening Message	DR. RENATO U. SOLIDUM, JR. Secretary, DOST
	Keynote Address	H.E. FERDINAND MARCOS JR. (TBC) President, Republic of the Philippines
		To be represented by:
		HON. FERDINAND ALEXANDER A. MARCOS (TBC) District Representative, 1st District, Ilocos Norte



**Policy Developments on Futures
Thinking, Innovation and SDG's**

HON. PIA S. CAYETANO (TBC)

Senate Committee Chair on SDG, Innovation, and
Future's Thinking

**Discussion on Framework for Smart
Philippines**

HON. ALAN PETER S. CAYETANO (TBC)

Senator, Republic of the Philippines

**Formulation of Policies for the
Development of Sustainable Cities and
Communities**

HON. FRANCISCO B. BENITEZ (TBC)

District Representative, 3rd District, Negros
Occidental
Chairperson, Committee on Housing and
Development

HON. IVAN HOWARD A. GUINTU (TBC)

Partylist Representative, PINUNO
Vice Chairperson, Committee on Housing and
Development

Messages of Support

HON. FAUSTINO "Inno" DY, V

Representative, 6th District of Isabela

HON. RODOLFO T. ALBANO III

Provincial Governor, Isabela

HON. FAUSTINO "Bojie" G. DY, III

Provincial Vice Governor, Isabela

H.E. BERNARD FAUSTINO DY

PH Ambassador to Switzerland

HON. BENJAMIN C. ABALOS, JR.

Secretary, Department of the Interior and Local
Government

HON. IVAN JOHN E. UY

Secretary, Department of Information and
Communications Technology

ENGR. SANCHO A. MABBORANG

Undersecretary for Regional Operations, DOST

DR. MAJAH-LEAH V. RAVAGO

President and CEO
Development Academy of the Philippines

DR. RICMAR P. AQUINO

President, Isabela State University

DIR. DIONISIO C. LEDRES JR.

Director, NEDA R02

World Bank Services

MS. SARAH ELIZABETH ANTOS

World Bank of the Philippines Country Office-
Philippines

12:30 - 01:30

LUNCH WITH THE PRESS



PRESS CONFERENCE

SMART and SUSTAINABLE COMMUNITIES PROJECTS and UPDATES

PANELISTS

DOST OFFICIALS

DILG OFFICIALS

DICT OFFICIALS

NEDA & DAP OFFICIALS

LGU CAUAYAN CITY

ISABELA STATE UNIVERSITY

ENGR. ROCELA ANGELIGA GOROSPE & MR. NELSON SANTOS
Moderators

AFTERNOON

SYNERGY UNLEASHED

ICON (MAIN HALL)

01:30 - 04:00

AVP OF THE SMART AND SUSTAINABLE JOURNEY OF THE 80 PILOT LGUS HIGHLIGHTING THEIR ACCOMPLISHMENTS, EVENTS AND ACTIVITIES

**Launching of SDG 7 (Affordable and Clean Energy) SET Roadmap of Cauayan City
(Policy Dialogue re: Analytical Study on E-Vehicle Development in Cauayan City)**

Overview and Message

ENGR. NONILO PEÑA
DOST-PCIEERD

MOU/MOA Signing

DOST-ISU-UN ESCAP

Closing Remarks

DR. VIRGINIA G. BILGERA
Regional Director, DOST R02



NETWORKING ENGAGEMENT & FELLOWSHIP

Day 1 | APRIL 11, 2024 | 06:00 PM ONWARDS | ICON | THEME: HAWAIIAN

Invocation

Welcome Remarks

HON. CAESAR S. DY JR.
Mayor, Cauayan City

Opening Message

DR. RICMAR P. AQUINO
President, Isabela State University

Message

DR. RENATO U. SOLIDUM, JR.
Secretary, DOST

Cultural Presentation

Band Performance

Closing Message

DR. VIRGINIA G. BILGERA
Regional Director, DOST 02

End of Day 1



PLENARY SESSIONS

Day 2 | APRIL 12, 2024 | 08:00 - 12:00 | ICON | DRESS CODE: BUSINESS ATTIRE

MORNING

INTERNATIONAL ENGAGEMENT AND LINKAGES

08:00 - 09:00

Invocation

Welcome Remarks

HON. CAESAR S. DY JR.
Mayor, Cauayan City

Opening Message

ASEC. RODOLFO J. CALZADO, JR.
Assistant Secretary for Development Cooperation, DOST

Keynote Message

DR. RENATO U. SOLIDUM, JR.
Secretary, DOST

TOPIC 1: SMART AND SUSTAINABLE COMMUNITIES IN GLOBAL PERSPECTIVE

RAPPORTEUR: DR. NANCY A. BANTOG (DOST CAR REGIONAL DIRECTOR)

PROF. ANIS ZAMAN
Economic Affairs Officer, UNESCAP

PROF. SAMEH AHMED KANTOUSH
Kyoto University & IOCCA DRRM

DR. NON ARKARAPRASERTKUL
Senior Expert, Digital Economy Promotions Agency-Thailand

MR. TEDDY G. MONROY
Country Representative, United Nations Industrial
Development Organization - Philippines

09:00 - 10:00

TOPIC 2: SYNERGISTIC APPROACH IN BUILDING ENTREPRENEURSHIP AND INNOVATION-DRIVEN NATION

RAPPORTEUR: DR. PRECILA C. DELIMA (ISU CAUAYAN EXECUTIVE DIRECTOR)

DR. HWAN SOO JUNG
Director, BioGet Inc.
Vice - Chairman, Research Startup Company
Daejeon City, Korea

DR. BERT GROBBEN
CEO, Budding Innovation Singapore

JUNG HO HAN
Secretary General & Vice-Chairman
Innopolis Innokorn Enterprise Association (IIEE), Daejeon City,
Korea



PLENARY SESSIONS

Day 2 | APRIL 12, 2024 | 08:00 - 12:00 | ICON | DRESS CODE: BUSINESS ATTIRE

MORNING

INTERNATIONAL ENGAGEMENT AND LINKAGES

10:00 - 12:30

TOPIC 3: PUBLIC-PRIVATE-ACADEME PARTNERSHIP (PPAP): STRATEGIC MODEL FOR SMART AND SUSTAINABLE COMMUNITIES

RAPPORTEUR: DR. TERESITA A. TABAOG (DOST REGION 01 REGIONAL DIRECTOR)

MS. CANDICE ZHU (TBC)

Director Government Affairs, Southeast Asia
Oracle

MR. FEDERICO CRUZ

Partnership Manager
Urban Alliance Technology (via video conferencing)

MR. JUAN CARLOS CONCEPCION

Head of Communications Business Development Manager,
Siemens

MR. JAY A. CHAVEZ (TBC)

Chief Operations Officer & Executive Vice President
Ionics EMS. Inc.

MR. PARTHIBEN KUMARAN

Managing Director, Texas Instrument

MR. ARNIEL GUTIERES

President, E sports World Federation (ESWF) Gaming
Industry

MS. AGNES A. GERVACIO

Chief Executive Officer, Connected Women

ATTY. KATHLYNN B. MILA

Chief Operations Officer, Multisys Technologies Corporation

MS. KRISTINE BONDOC

Senior Vice President, Everise Philippines

MS. TESA ORTEGA

Account Manager, Aboitiz Data Innovation

Closing Message

ENGR. SANCHO A. MABBORANG

Undersecretary for Regional Operations, DOST

12:30 - 01:30

LUNCH



PLENARY SESSIONS

Day 2 | APRIL 12, 2024 | 01:30 - 05:00 | ICON| DRESS CODE: BUSINESS ATTIRE

AFTERNOON

START-UP ECOSYSTEM

01:30 - 02:30

SESSION OVERVIEW

DR. BETCHIE E. AGUINALDO

Director, Business Intelligence Research
& Development Center, Isabela State University

KEYNOTE MESSAGE

DR. RENATO U. SOLIDUM, JR.

Secretary, DOST

TOPIC 1: START-UP PROGRAMS IN THE PHILIPPINES

**The DOST Super Accelerator (Investible
Philippine Science and Technology
Innovations for the Nation and the World)**

ASEC. NAPOLEON JUANILLO

Assistant Secretary for Technology Transfer, DOST

DICT START-UP PROGRAMS

DIR. PINKY TUMALIUAN

Director, DICT R02

DTI START-UP PROGRAMS

DTI Representative

TOPIC 2: THE ROLE OF ACADEME IN BUILDING STARTUP-DRIVEN NATION

Knowledge Innovation S&T Park

HON. TERESO O. PANGA

Director General
Philippine Economic Zone Authority (PEZA)

KIST Experience and Best Practices

DR. TIRSO A. RONQUILLO

President, Batangas State University

The Role of Academe in Establishing a Startup Ecosystem

DR. MARITA RANA CANAPI

Commissioner, Commission on Higher Education

Embedding the Concept of Startup in the Curricula of HEIs

DR. BARTOLOME T. TANGUILIG III

Chair, CHED Technical Panel for Information Technology
Education

Management of STP and the Role of Government, Industry and University: Korean Experience

PROF. JONGIN CHOI, Ph. D.

Hanbat National University
Director, Korea TEC

The Academe in Building a Startup-Driven Nation: Thailand Experience

DR. RUTCHANEE GULLAYANON

Executive Vice President for Research and Innovations
King Mongkut's Institute of Technology Ladkrabang
Bangkok, Thailand

From Ideation to Scale Up: The Road to Becoming a Startup

ENGR. EDWARD APIGO

RITTD, DOST PCIEERD

**Launching of Start-up THRIVE (Transforming Higher Research and Innovation to Vibrant Enterprise)
and Ceremonial MOU Signing- Support to SDG 8 Decent Work and Economic Growth**



PLENARY SESSIONS

Day 2 | APRIL 12, 2024 | 01:30 - 05:00 | ICON | DRESS CODE: BUSINESS ATTIRE

02:30 - 03:00

SHARING OF BEST PRACTICES AND INITIATIVES OF LGU

OVERVIEW

ENGR. SANCHO A. MABBORANG

Undersecretary for Regional Operations, DOST

HON. CAESAR S. DY JR

CITY MAYOR, CAUAYAN CITY

HON. HERMENEGILDO A. GUALBERTO

CITY MAYOR, CITY OF SAN FERNANDO

HON. JERRY P. TREÑAS

CITY MAYOR, ILOILO CITY

HON. JOSE IVAN D. AGDA

CITY MAYOR, BORONGAN CITY

HON. FREDERICK W. SIAO

CITY MAYOR, ILIGAN CITY

AFTERNOON

DOST ATTACHED AGENCIES SMART INITIATIVES AND PROGRAM

Climate and Disaster Resilience; Environmental Protection; Food Security; Health Security; Water Security; Energy Security; S&T Education; Transportation System; Digital Transformation; and S&T Employment Opportunities.

03:00 - 05:00

Opening Message

DR. TEODORO GATCHALIAN

Undersecretary for Special Concerns, DOST

KEYNOTE MESSAGE

DR. RENATO U. SOLIDUM, JR.

Secretary, DOST

Dr. REYNALDO V. EBORA

Executive Director

DOST - Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (PCAARRD)

DR. ANNABELLE V. BRIONES

Director, Industrial Technology Development Institute (ITDI)

DR. FRANZ A. DE LEON

Director IV, DOST - Advanced Science and Technology Institute (ASTI)

DOST - Food and Nutrition Research Institute (FNRI)

Dr. JULIUS L. LEAÑO, JR.

OIC, Office of the Director

DOST - Philippine Textile Research Institute (PTRI)

DOST - Metals Industry Research and Development Center (MIRDC)

Closing Message

DR. RICMAR P. AQUINO

President, Isabela State University



SPECIAL SESSIONS

Day 2 | APRIL 12, 2024 | 01:00 - 05:00 | ICON ROOM 1 | DRESS CODE: BUSINESS ATTIRE

AFTERNOON

SDG 7 LOCALIZATION: SMART & SUSTAINABLE ENERGY TRANSITION FOR CITIES AND COMMUNITIES

01:00 - 05:00

SESSION OVERVIEW

DR. ORLANDO F. BALDERAMA

Isabela State University

MESSAGE

DR. TEODORO GATCHALIAN

Undersecretary for Special Concerns, DOST

Presentation of Sustainable Energy Transition (SET) Roadmap for the Cities of Cauayan, Borongan and Ormoc, Philippines

DR. ANIS ZAMAN

Economic Affairs Officer, ESCAP

R&D Program in the Development of Electric Vehicle: The Case of Electric Mobility Center in the Philippines

DR. FLORENTINA DURLAO

CSU-eMRDC

E-vehicles in Cauayan City: Smarter Mobility for a Smarter City

DR. PRECILA C. DELIMA

Isabela State University

Presentation of the Analytical Study with Policy Brief on EV Adaption in Cities of the Philippines: The Case of the Cities of Cauayan, Borongan and Ormoc

DR. ORLANDO F. BALDERAMA

Isabela State University

Breakout Q&A

Workshop on Crafting of Renewable Energy and E-vehicles adaption Program

DR. ANIS ZAMAN

Economic Affairs Officer, ESCAP



SPECIAL SESSIONS

Day 2 | APRIL 12, 2024 | 01:00 - 05:00 | ICON ROOM 2 | DRESS CODE: BUSINESS ATTIRE

01:00 - 5:00

WATER SUMMIT: SMART WATER INFRASTRUCTURE AND MANAGEMENT (SWIM)

Welcome Remarks

HON. CAESAR JAYCEE S. DY JR.
Cauayan City Mayor

Opening Message

PRES. RICMAR P. AQUINO
President, ISU

Message

ASEC. RODOLFO J. CALZADO, JR.
Assistant Secretary for Development Cooperation, DOST

Keynote

PROF. SAMEH AHMED KANTOUSH
Kyoto University & IOCCA DRRM

MOU/MOA SIGNING

ISU - LGU Cauayan City
**ISU - University of Science and Technology of
Southern Philippines (USTP)**
**ISU -National Irrigation Administration-MARIIS and
Region 2**
Quirino State University

SESSIONS

SWIM Program Overview

DR. ORLANDO BALDERAMA
Program Leader

**Smart Water Resources Planning and
Management**

DR. LANIE A. ALEJO
Asst Project Leader, SWIM Project 1

**Integrated Assessment and Analysis of
Hydraulic Assets for Sustainable and
Resilient Flood Control Infrastructure**

DR. POLICARPIO MABBORANG
Project Leader, SWIM Project 2

Smart Urban Storm Water Harvesting

DR. RAFAEL J. PADRE
Project Leader, SWIM Project 3

**Smart Water Management for
Agriculture**

ENGR. ISRAEL A. ERANA
Project Leader, SWIM Project 4

**Techno-Demonstration, Poster viewing, model animation, 3D print-out of flood model designs
networking**

Grand Coronation Night of Mutya ng Cauayan cum BAMBOO TEXTILE FASHION SHOW

Day 2 | APRIL 12, 2024 | 06:00 - Onwards | Sports Complex

End of Day 2



SMART TECHNOLOGY EXPO

Day 3 | APRIL 13, 2024 | 08:00 - 12:00 | ICON | DRESS CODE: iSCENE 2024 SHIRT

MORNING	BREAKOUT SESSIONS (Technology Pitching)	VENUE
08:00 - 10:30	<p>Climate and Disaster Resilience (FACILITATOR/MODERATOR: DOST Cordillera Administrative Region)</p> <ul style="list-style-type: none"> Project SARAI (Smarter Approaches to Reinvigorate Agriculture as an Industry in the Philippines) by Ms. Rosemarie Laila D. Areglado, University Research Associate II / University of the Philippines Los Baños (UPLB) (LUNGSOD)A Link-Up of Geomatics and Social Science Research for the Development of Smart Cities by Ms. Karisse Villanueva and Ms. Kathleen Cargullo (SESSY E-boat) Safe, Efficient, and Sustainable Solar-Assisted Plug-In Electric Boat by Engr. Febus Reidj Cruz (CALAMI-T) CALAMI-T: Cordillera Administrative Landslide Monitoring Integrated Toolbox by Mr. Justine Carreon SAFEWATRS by Nardlinson P. Arellano MASID (Meteorological Data Acquisition Station for Information Dissemination) by Adrian Aristotle P. Dellagas <p>Environmental Protection (FACILITATOR/MODERATOR: DOST Region 2)</p> <ul style="list-style-type: none"> Biocomposites and Recycled Plastic Laminates by Reginald Roy U. dela Cruz Establishment of Fuel Cell R&D and Testing Facility by Jowin L. Rama Kooha by John Kevin C. Abonita <p>Food Security and Agriculture (FACILITATOR/MODERATOR: DOST Region 2)</p> <ul style="list-style-type: none"> Green Freshness Classification System (GFCS) Subtitle: An Output Component of the e-Asia: Towards Green Smart Cities Improving Green Leafy Vegetables Post-Production and Distribution through Computational Intelligence by Dr. Ronnie S. Concepcion II, Associate Professor, Department of Manufacturing Engineering and Management / De la Salle University (DLSU) <p>Transportation System (FACILITATOR/MODERATOR: DOST Region 2)</p> <ul style="list-style-type: none"> ASTI-Automated Labeling Machine (ASTI-ALaM) by Mary Joy Daphne P. Padilla Hybrid Electric Road Train (HERT) E-Trike by Cagayan State University <p>Digital Transformation (FACILITATOR/MODERATOR: DOST Region 02)</p> <ul style="list-style-type: none"> HR Lite (improvement from its Enterprise Resource Planning (ERP)) by Marylou N. Rubillos BamBoost: A Mobile Market place App for S&T-based Bamboo Products by Dr. Junar A. Landicho, Dean, College of Information Technology and Computing / University of Science and Technology of Southern Philippines (USTP) AgroInformatics Solution: A Far-UVC Pulse Treatment of 3 Major Cassava Diseases Classification, Geo-Mapping, and Monitoring System by Dr. Irma T. Plata, Professor III, College of Computing Studies, Information and Communication Technology, ISU, Echague, Isabela Technology for Real Property Mapping and Assessment at Your Finger Tips (MapX) by Jockey M. Fernandez, Cagaya State University 	



SMART TECHNOLOGY EXPO

Day 3 | APRIL 13, 2024 | 08:00 - 12:00 | ICON | DRESS CODE: iSCENE 2024 SHIRT

MORNING	BREAKOUT SESSIONS (Technology Pitching)	VENUE
10:30 - 12:00	<p>Science & Technology Education (FACILITATOR/MODERATOR: DOST Region 02)</p> <ul style="list-style-type: none">Resilient Education Information Infrastructure for the New Normal (REINNCOAT and REINNFOREST) by Paul Symone Raralio <p>Housing and Infrastructure (FACILITATOR/MODERATOR: DOST Region 02)</p> <ul style="list-style-type: none">(Smart Concrete) Engineered Smart Concrete Utilizing Indigenous Wastes for Durable and Intelligent Infrastructure by Engr. Roumel Salvador AlvarezDevelopment of Fiber Reinforced Self Compacting Concrete (FRSCC) for Corrosion Reduction by Engr. Stephen John ClementePhilippine Structural Integrity Monitoring System (PHILSIMS) by Michael BaylonV2X Initiatives for Road Safety (VIROS) by Dr. Jaymar SorianoTeknoMETALIno: Digital and Hybrid Manufacturing through 3D Printing by Engr. Ulysses B. Ante <p>Urban Planning and Governance (FACILITATOR/MODERATOR: DOST Region 02)</p> <ul style="list-style-type: none">A Link of Geomatics and Social Science Research for Development of Smart Cities (LUNGSOD) by KARISSE VILLANUEVA, Partnership Development Manager, LUNGSOD, UNIVERSITY OF THE PHILIPPINES	



Mobile Command and Control Vehicle (MoCCoV) TURNOVER & OLYMPICS

Day 3 | APRIL 13, 2024 | 08:00 - 12:00 | ICON Exhibit Ground | DRESS CODE: iSCENE 2024 SHIRT

08:00 - 12:00

Participating LGUs

Interested LGUs may register on Day 1 at the venue

ICON Exhibit Ground

Contest Proper

Awarding of Certificates and Cash Awards

CELEBRATING PARTNERSHIPS

Day 3 | APRIL 13, 2024 | 08:00 - 05:00 | DRESS CODE: iSCENE 2024 SHIRT

08:00 - 05:00

Turnover of the Material Recovery Facility (MRF)

San Pablo, Cauayan City

Cauayan City SDG Park Storm Water Facility

Cauayan City

San Mariano Agricom Best Food

San Mariano

SWIM building inauguration

Echague

KIST ground breaking at ISU Echague

Echague

CITY TOUR (Smart and Sustainable Projects)

01:00 05:00

Golden Season

Isabela Biomass Energy Corporation (IBEC)

Our Lady of the Pillar Parish

Cauayan City Weaving Center

Hacienda de San Luis

06:00

Dinner and Fellowship

Hacienda de San Luis

End of Day 3

