

Innovating Governance, Building Resilience Against COVID-19 and Other Risks: Focus on Agriculture

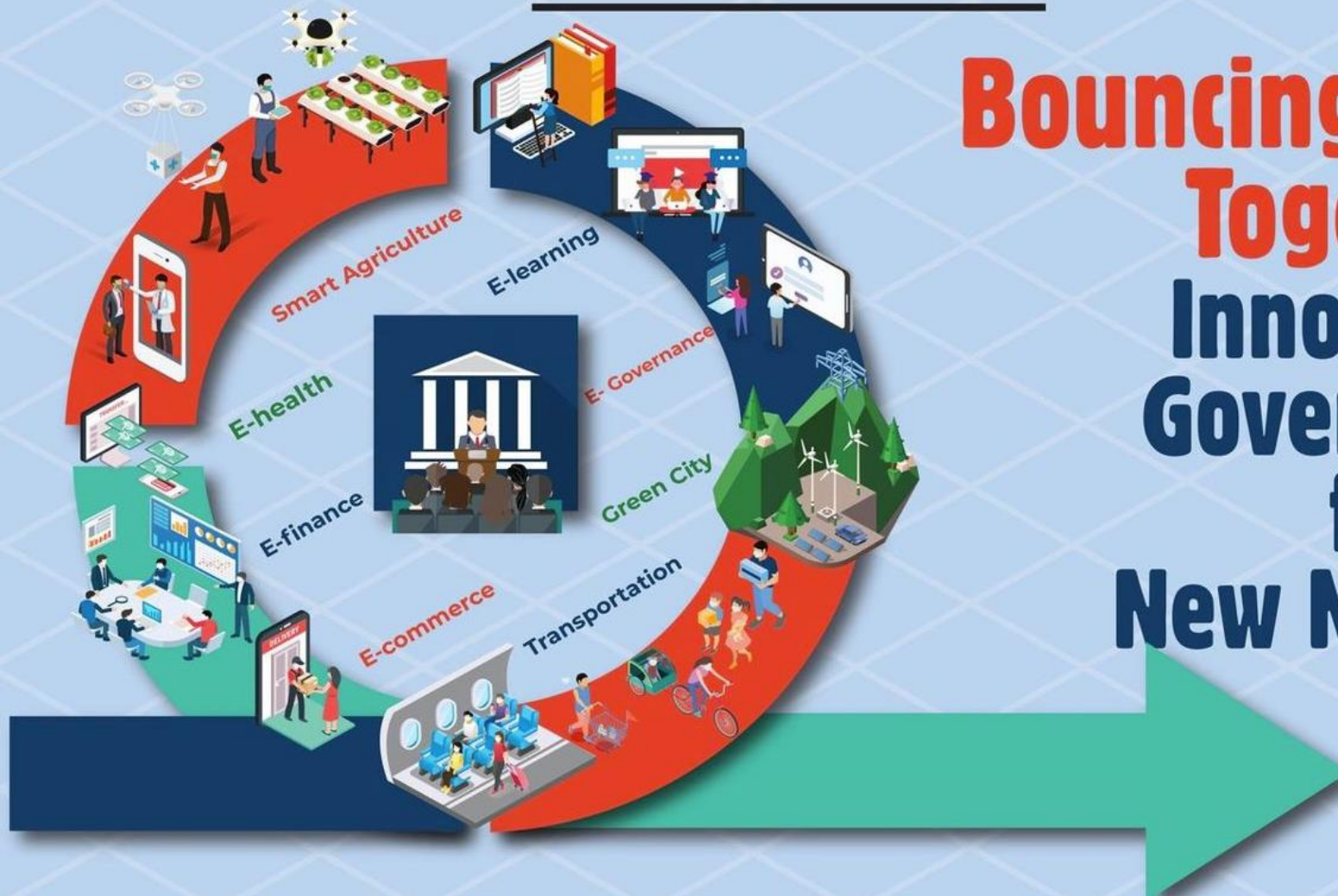
DPRM-APPC-MINDAFORUM



Philippine Institute for Development Studies
Surian sa mga Pag-aaral Pangkaunlaran ng Pilipinas

18th Development Policy Research Month

September 2020



Bouncing Back Together: Innovating Governance for the New Normal

COVID 19 Pandemic

- Most challenging global crisis in recent history
- Public health and economic crisis
- Exposed important structural and governance issues



Philippines

Total cases
276K
+3,355

Recovered
208K

Deaths
4,785
+53



How do we innovate governance and build resilience?

Institutions → Create an environment that enhances organizational performance and enables inter-agency collaboration, integrated/interconnected information systems, and data-interoperability with clear protocols.

People → Provide an effective incentive structure to attract and retain good people in the public sector. Continuously retool and upskill the workforce to be adaptive to change in this volatile, uncertain, complex and ambiguous (VUCA) world.

Smart Systems → Update technology and integrate apt information systems to promote digital connectivity, agile governance, and seamless service delivery..

Focus on Agriculture



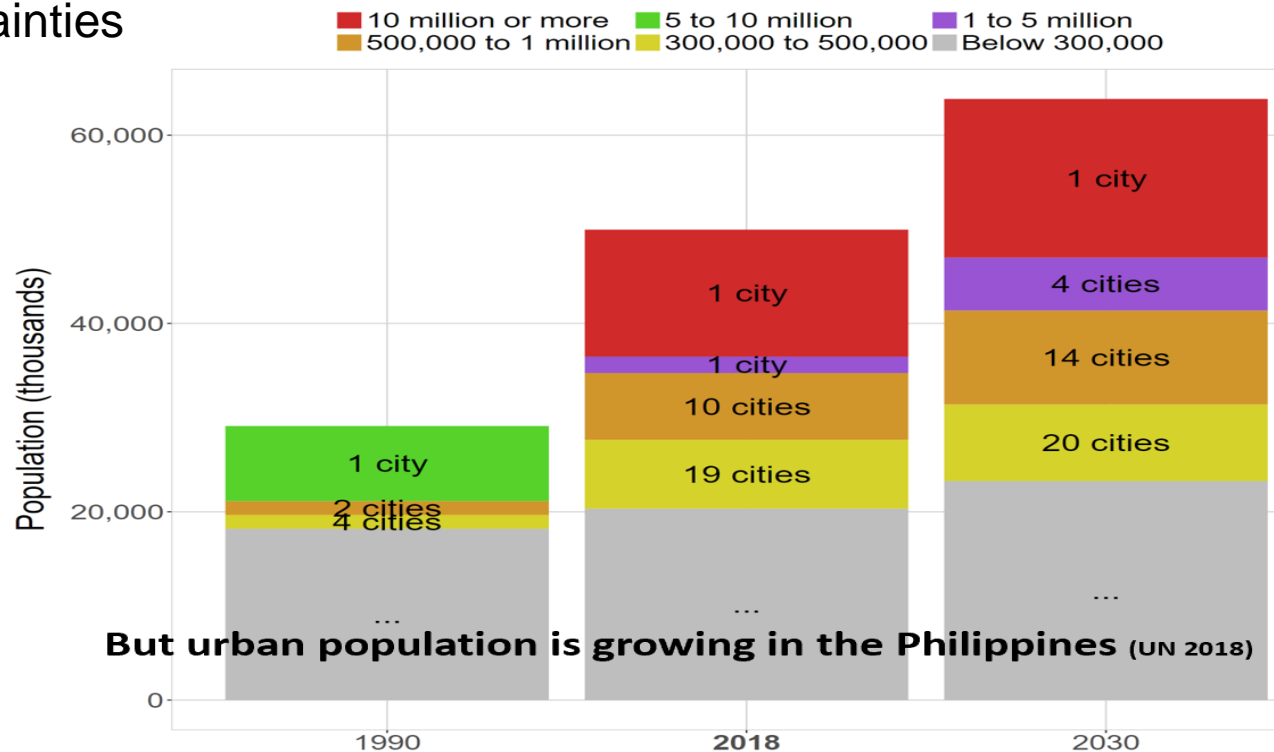
Late 2019
Novel coronavirus
disease was
reported in China

April 25, 2020
1/3 of world population
was living under
community quarantine

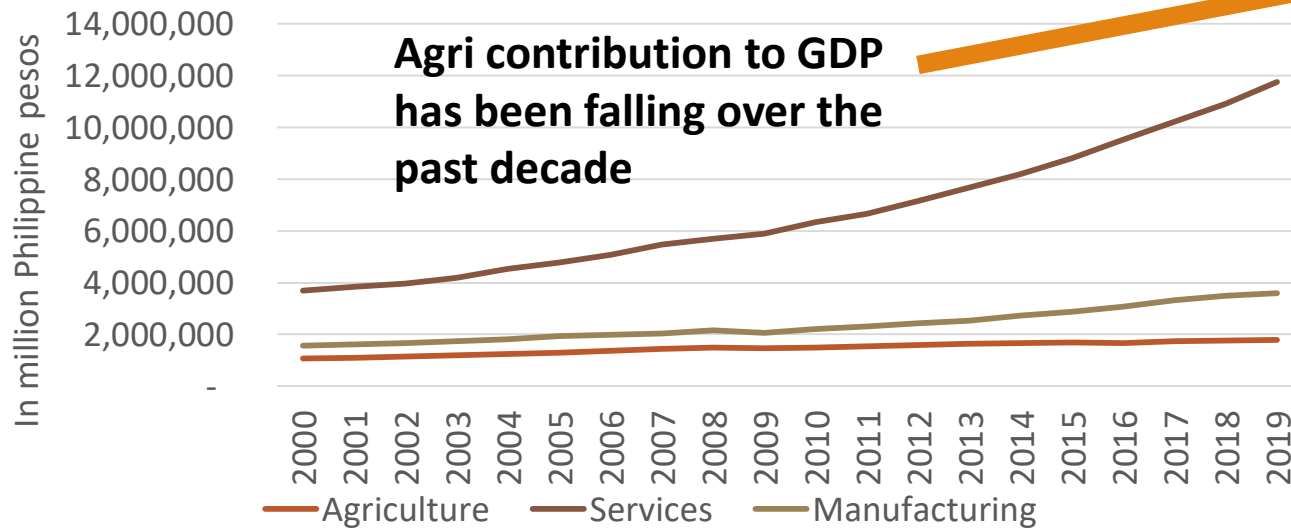
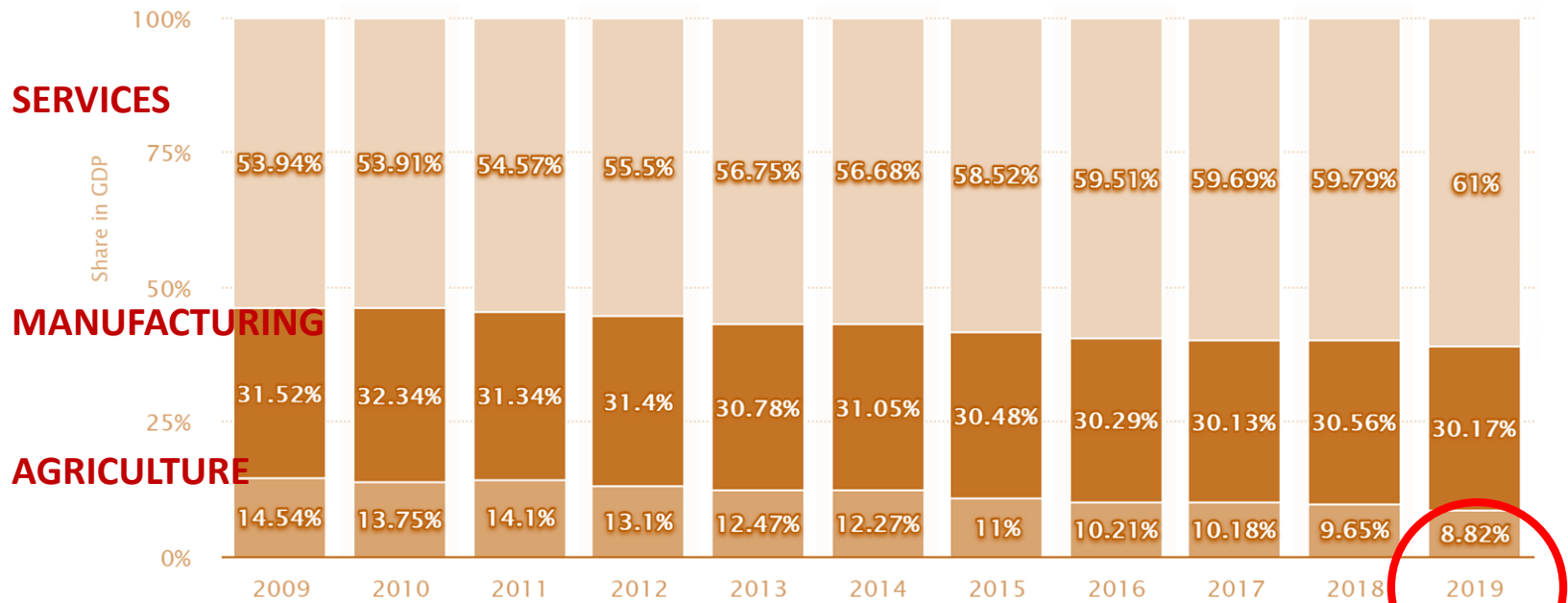
March 2020
WHO classified
coronavirus as a
pandemic

Philippine Agriculture

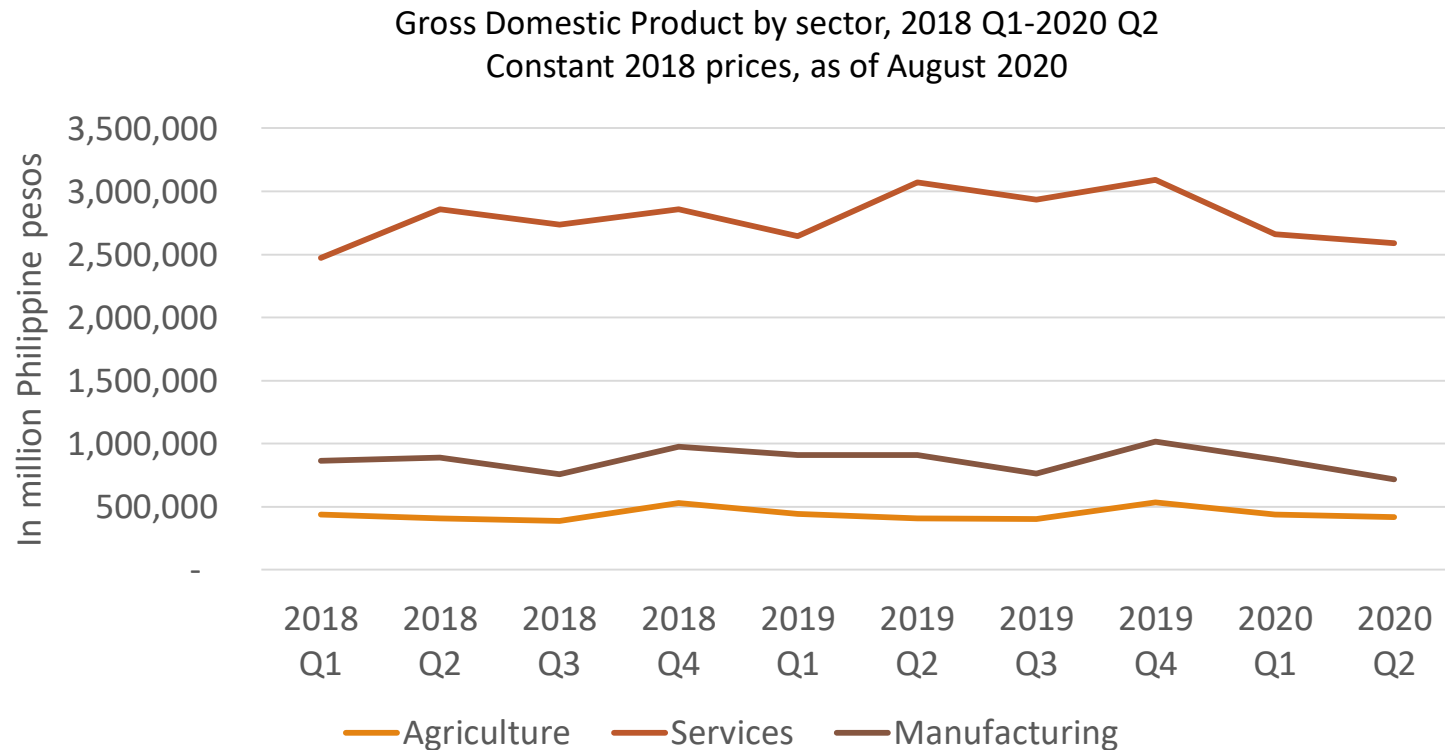
- PH Agriculture **supports around 70 percent** of the population located in rural areas, most of which were classified as poor.
- The sector employs around 10 million agricultural workers (PSA 2019), but numbers have been falling in recent years
- Insecurities abound from climate change, disaster risk, productivity issues and market uncertainties



Philippine Economy



COVID-19 Pandemic and PH Agriculture



The agriculture sector has been faring relatively better than the manufacturing and services sectors amid the COVID 19 pandemic

COVID-19 Pandemic and PH Agriculture

Growth rates at constant 2018, 2017-2020
As of August 2020

Industry	2017-2018				2018-2019				2019-2020	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Agriculture	2.55	0.05	0.04	1.58	0.54	0.74	2.97	0.82	-0.26	1.61
Services	6.90	6.80	6.85	6.46	7.09	7.52	7.27	8.11	0.60	-15.79
Manufacturing	6.41	6.96	3.97	3.36	5.22	2.05	0.90	4.26	-3.82	-21.25

- Still positive 2nd quarter growth in contrast to service and manufacturing sectors

COVID-19 Pandemic and PH Agriculture

PRODUCTION		PRODUCE TRANSPORT	PROCESSING	MARKETING AND TRANSPORT
Input Supply limitations	Logistical issues	Labor shortage	Labor shortage	Shutdown of markets, restaurants
Labor shortage	Slow down of operations in ports	Hampered transport channels	Facilities shutdown	Borders closure
Labor mobility issues	Borders shutdown	Limited transport means	Inability to produce and supply mid-season	Farmers margin pressure
Price fluctuations	Lack of finance/markets	Inter-LGU restrictions	Lack of financing	Trade restrictions
Trade restrictions	Loss of cropping season and production		Operational distress and insolvency of SMEs	

World Bank 2020

Government Response

- Keep domestic and import supply lines open
- Promote farmers continued access to inputs and services needed for the next harvest
- Protect primary producers and workers in the value chain from income losses

IATF-Approved Measures on Agriculture and Fisheries
(IATF Resolution No. 16)

Binibigyang-diin ang pagsunod ng Local Government Units (LGUs) sa IATF Resolution No. 15, na:

- Nagpapahintulot na magpatuloy ang trabaho sa mga sakahan at pangisdaan;
- Nagpapahintulot sa malaya at maayos na daloy ng mga produkto at serbisyo na kailangan sa pagsasaka at pangangisda, kabilang ang materyales sa food packaging at manufacturing;
- Binubuhay ang mga Local Price Coordination Council at nag-aatas sa mga LGU at kanilang hepe ng palengke na ipatupad ang "price freeze" at "suggested retail price," alinsunod sa MC No. 77.



IATF-Approved Measures on Agriculture and Fisheries
(IATF Resolution No. 16)

Maglalaan ng P31-bilyong pondo para sa Ahon Lahat, Pagkaing Sapat (ALPAS) Kontra sa COVID-19 o Plant, Plant, Program (4Ps in Agriculture) ng Department of Agriculture upang maingat ang produksyon ng pagkain sa bansa.

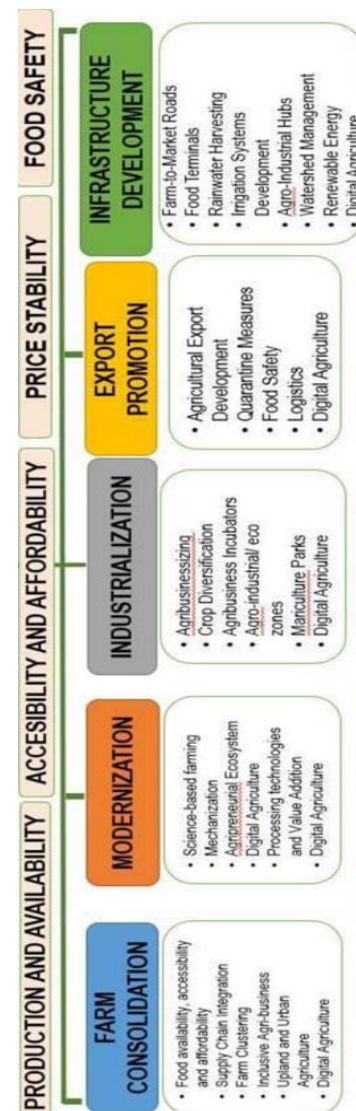


IATF-Approved Measures on Agriculture and Fisheries
(IATF Resolution No. 18)

Hindi rin inooblige ang mga driver at crew ng delivery vehicle na sumailalim sa mandatory fourteen (14)-day home quarantine kung wala naman silang nararamdamang sintoma ng COVID-19.



Sound Anchor for DA



DA 2020

Avenues for Innovation and Resilience

- INSTITUTIONS: Institutional innovations and reforms
- PEOPLE: Civil servants, farmers and fisherfolks, and the general public
- SMART SYSTEMS: Technology and agile governance for seamless service delivery and sustainable development

Innovating Through People

Farmer
education and
training

Knowledge
sharing

Indigenous &
nontraditional
knowhow

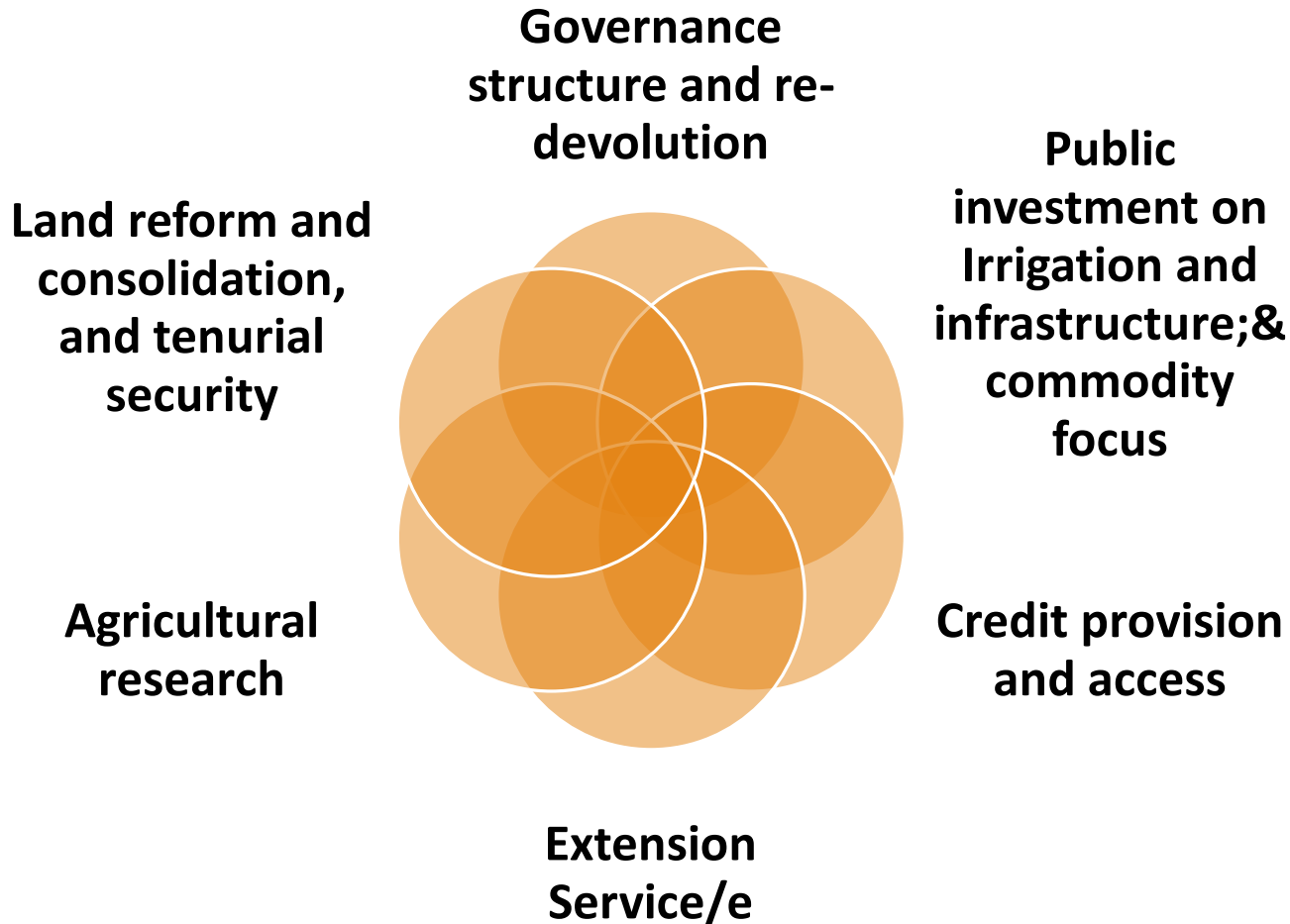
Urban and
Peri-urban
Farmers

Employment
and labor
mobility

Aging
workforce
reversal

Health and
safety

Innovating through Institutions



Innovating Through Smart Systems and Technology

Digital agriculture
(digital technology in
the optimization of
food systems)

Modern agricultural
biotechnology

Information network
and connectivity

Enhanced Registry of
farmers and fisherfolks;
support provision and
targeting

Agricultural insurance /
risk transfer

Climate change and
disaster risk
proofing/management

Biological and hazard
preparedness and
response

Value chain
optimization

Real-time monitoring:
prices, production and
product movements,
and markets

Innovating Through Smart Systems and Technology

Impact simulations for hydrometeorological hazards; Improved area-specific forecast

Pest and disease monitoring and containment
Livestock: (bird flu, swine flu, African swine fever, fmd, other zoonotic diseases)

Crops: (viral, bacterial, fungal, lepidoptra, nematodes etc.)

Decision support systems on crop and farm productivity options

Ecological integrity monitoring and protection

Mechanization and precision agriculture

Product standards and consumer protection

Gender-neutral Access and Participation

Electronic transaction systems

Toward a resilient agriculture sector...

- Innovate thru people, institutions and smart systems/technologies to strengthen ability to cope with crisis and normalize
- Promote inclusive, smart, and well-orchestrated approaches at the national level down to communities
- Invest sensibly and continuously build on small successes toward sector strength and resilience



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Thank you!

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