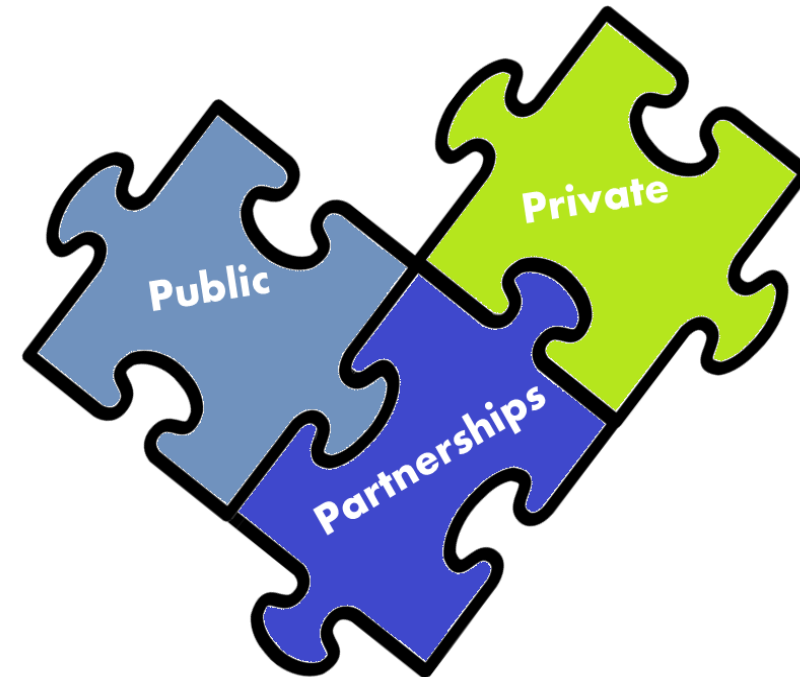


PSAV AND INNOVATION

PSAV Secretariat
International Cooperation Department

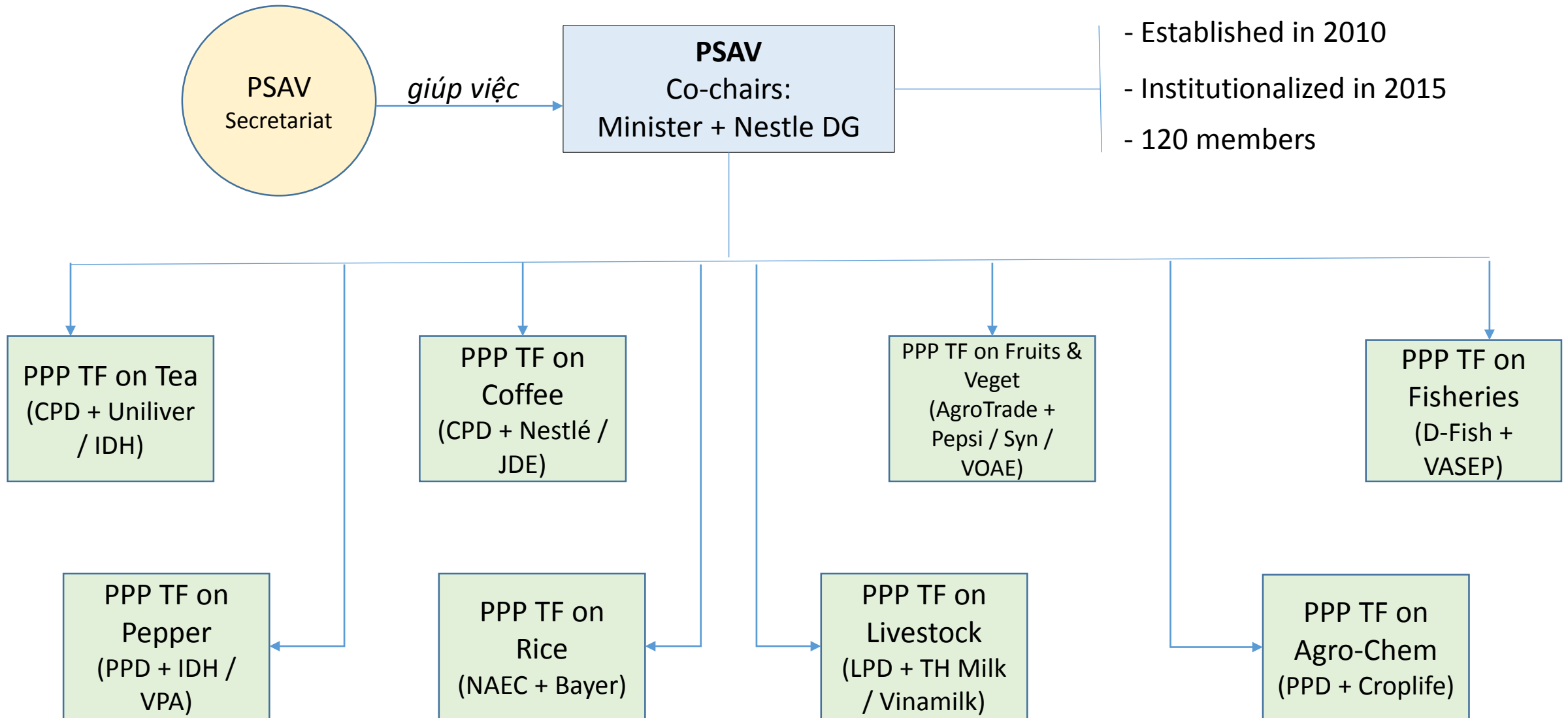


Issues to present

1. Activities of PSAV in 2021
2. Innovation Hub
3. Recommendations



1. PSAV Activities in 2021



1. PSAV activities in 2021



PPP Task Force on Tea

- *18,815 farmers engaged in sustainable tea production*
- *15,792 farmers and 19 factories receive Rainforest Alliance certification*
- *Building NSC for tea and application in 6 tea growing regions*
- *Increase farmers' net income by 10%*
- *35 Production teams established and piloted on 13 tea companies*
- *Issue production codes to 7 tea growing regions (296,065 ha) in 3 provinces*



PPP Task Force on Coffee

- *50,600 farmers applied new farming practices / technologies*
- *100,000 Farmers participating in the project*
- *44,903 Farmers getting certificate*
- *256 pilot models were built, of which 40 were selected by VCCB for upscaling*

1. PSAV activities in 2021



PPP Task Force on Fruits and Veget

- *Building a sustainable production process for 10 key fruits (Orange, grapefruit, longan, litchi, pineapple, banana, jackfruit, durian, dragon fruit, mango)*
- *4,500 farmers trained in sustainable agricultural production*
- *3,000 farmers applied irrigation savings; Save 30% irrigation water when applying drip irrigation method compared to spray irrigation*



PPP Task Force on Fisheries

- *3,564 fishermen trained*

1. PSAV activities in 2021



PPP Task Force on Pepper

- *14,925 farmers participated in NSC training*
- *26 companies apply NSC in farmer training*



PPP Task Force on Rice

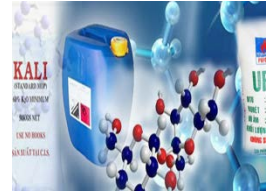
- *60,000 farmers received input support (34.98% female)*
- *20,361 farmers trained (39.91% female)*

1. PSAV activities in 2021



PPP Task Force on Livestock

- *1,200 farmers trained*



PPP Task Force on Agro-Chemicals

- *The Department of Plant Protection and IDH collaborated to build a mobile application to manage pesticides and have introduced it to farmers to use since 2018.*
- *9,346 farmers trained using this App*
- *Currently, there are more than 10,000 registered users*

2. Food Innovation Hub in Viet Nam



In summary

- Food Innovation Hubs are **country-led, multistakeholder, pre-competitive partnerships** to leverage technology and broader innovations to strengthen local **innovation ecosystems, to accelerate food systems transformation**
- The Viet Nam government wishes to create a strong **Food Innovation Hub in Viet Nam** to link domestic and cross-border **innovation networks** and to advance the use of **digital technology** to develop **smart agriculture** value chains. The Food Innovation Hub will help to scale and accelerate the **transformation** of the current Vietnamese food systems into a **“green”, sustainable and low-emission agro-food powerhouse**
- The Viet Nam Government and World Economic Forum, locally represented by Grow Asia, are leading the **scoping phase** to develop the Food Innovation Hub, linkages with existing networks and initiatives and identify potential partners
- Interested? **Let’s connect!**

Opportunities and Challenges



Viet Nam has made significant developments over the past decade in productivity, export turnover, digital penetration and other markers of development of the agricultural sector

Given global developments in technology and the evolving need to take a food systems approach, there are meaningful opportunities for further development

annual agricultural export turnover

> \$1 billion

average **2.84%** growth rate of agriculture

16th in the world agricultural exports



90% of farmers has a mobile phone

Number of Farmers:
13.8M

10X more pesticides usage (1990-2020)



Environmental target:
9% GHG emissions reduction by 2030



CO₂ emissions:

2019 **247,7** million ton
2011 **145** million ton



Agriculture GHG Emissions:
79,222 KT CO₂e

Biodiversity Focus Areas

Water, Soil, Deforestation, Threatened Species





Food Innovation Hub in Viet Nam

At the UN FSS, President Nguyen Xuan Phuc affirmed:

“Vietnam wishes to become a food innovation center in the region, and expands international cooperation in research, forecasting, and sustainable management of natural resources.”



OUR PROPOSAL:

Develop a Food Innovation Hub in Vietnam that works as a **multistakeholder, cross-sector, pre-competitive and neutral entity to strengthen the innovation ecosystem, building on the existing networks and experience of Viet Nam's food system, such as the Partnership for Sustainable Agriculture in Viet Nam (PSAV)**



Innovation Platform

Examples could include:

- Connect universities and research institutes with agricultural enterprises to commercialize research results, linking research with technology demand of enterprises.
- Nurture policy environment and orient research and technology priorities to foster synergies in developing food innovations.
- Coordinate stakeholders and mobilize resources for new research on technology priorities (Online and offline technology exchanges/exhibitions and events).
- Enable knowledge-sharing and learnings with other innovation ecosystems at a global level, including other Food Innovation Hubs.



Start-up Incubator

Examples could include:

- Provide training (both technical and soft skills) and institutional capacity
- Link to existing Centers of Excellence and address private sector demands and smallholder farmers' needs.
- Pilot food technology for demonstrations and experience sharing.
- Support Innovation Challenges to address clearly specific challenges. The Hub could pool partner resources into specific challenge areas and convene solution providers and innovators to address them
- Connect partners to other challenge/prize competitions and increase the number of organizations contributing to (and benefitting from) these opportunities

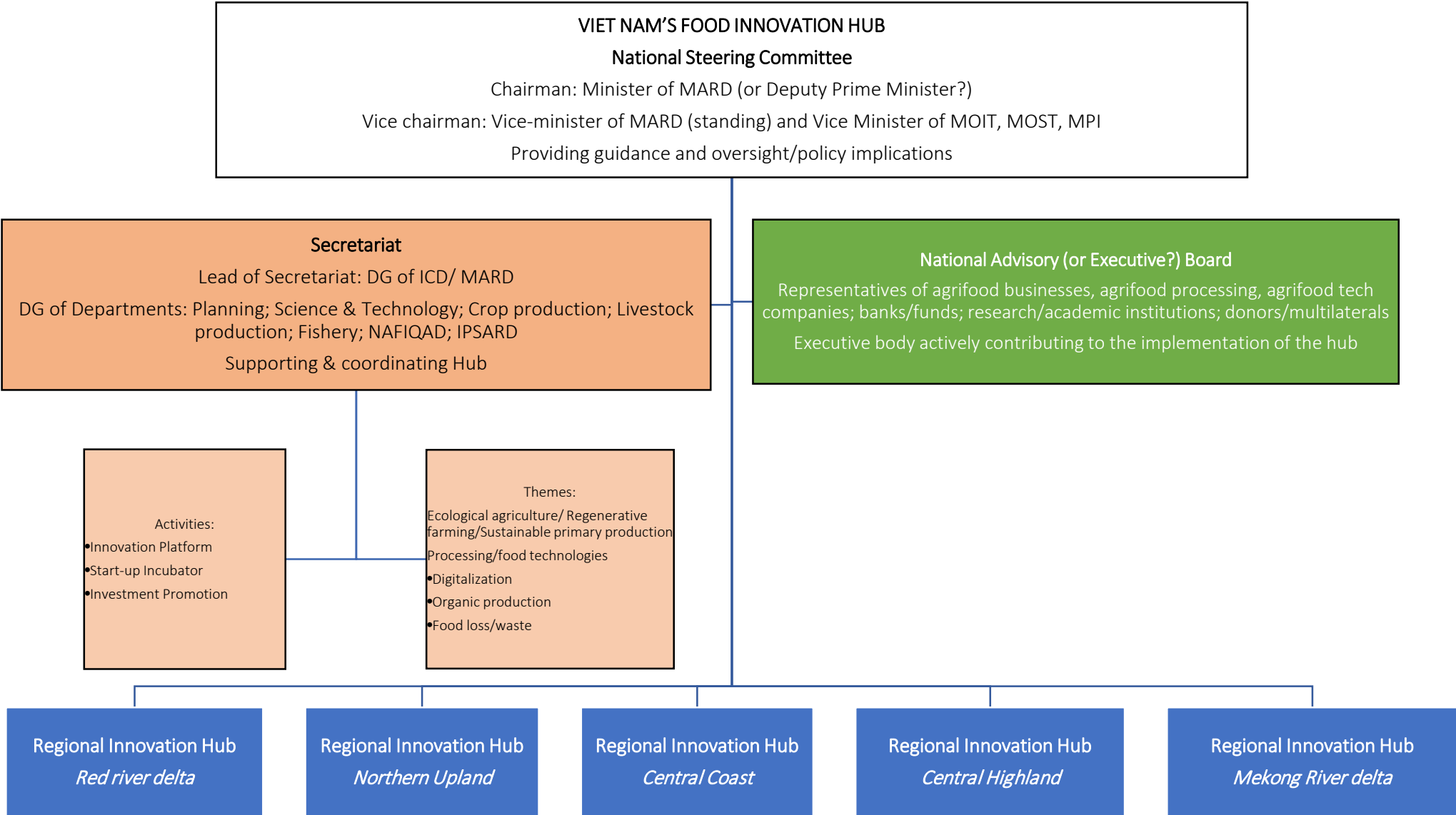


Investment Promotion

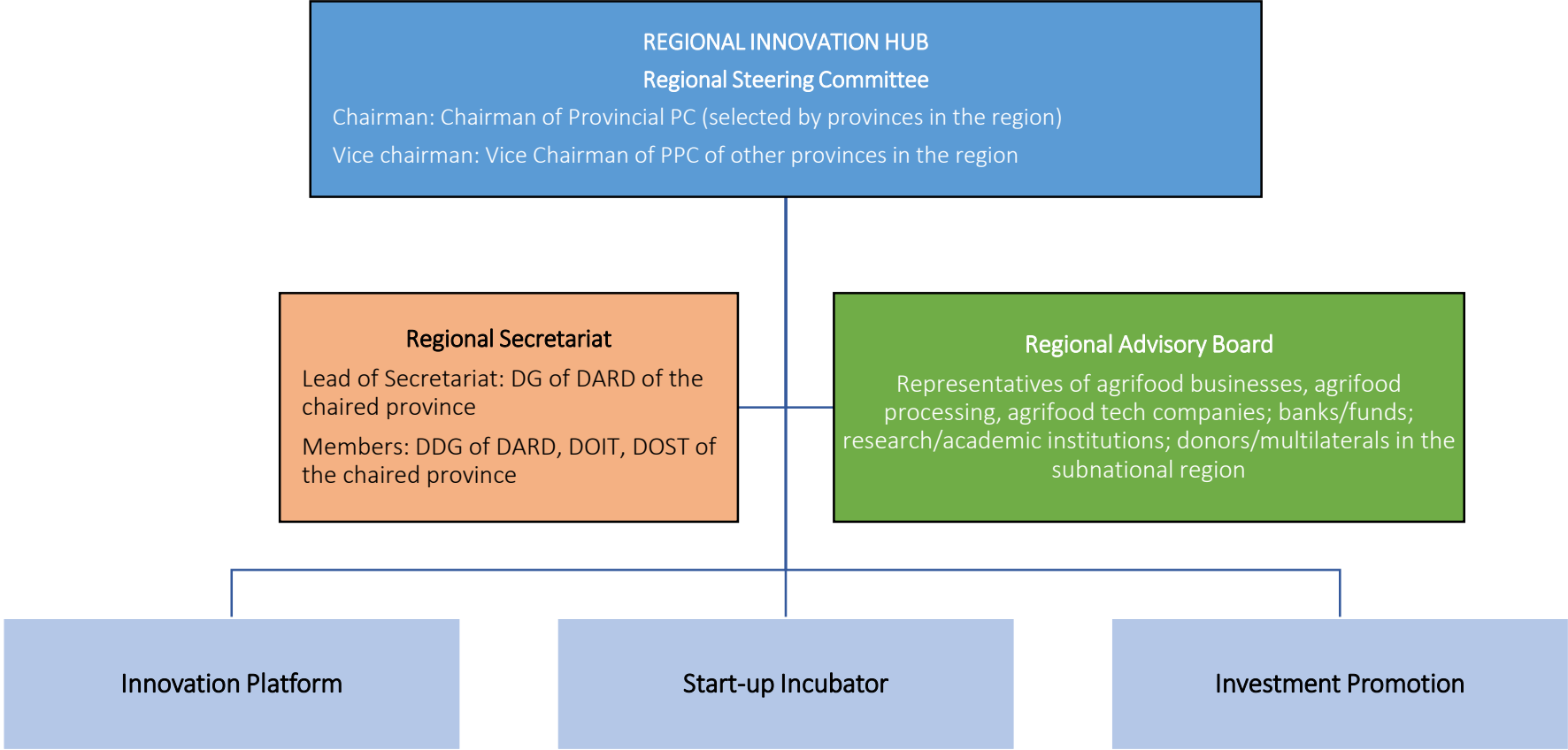
Examples could include:

- Design/plan high-tech agricultural zones in selected areas linked to the technology priorities of MARD and the provinces.
- Facilitate food and agriculture enterprises to invest through special incentives/supportive policies (national and provincial).

Hub Structure – National



Hub Structure – Subnational



3. Recommendations

1. *MARD / Public sector* facilitates the implementation of the Innovation Hub initiative, increases investment in R&D
2. *Private sector* increases investment in new technologies, develops sustainable production in an environmentally friendly direction
3. *International partners* provide technical and financial support to MARD / PSAV during the establishment and operation of the Innovation Hub

*Xin cảm ơn Quý vị
đã lắng nghe!*

