



# Supplementary Figures

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# 1. Merits of the e-ASIA JRP



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## **1. Symbolic implication of establishment of multilateral collaboration mechanism in science and innovation in the region**

- (1) Formulating Asian Research Area similar to European Research Area (ERA)*
- (2) Indicating direction of science and technology based development of the region*

## **2. Opportunities: Merits of multilateral research collaboration (1)**

- (1) Provision of systematic opportunities for enhancing level of scientific and technological potential*
- (2) Provision of systematic opportunities for research exchange and brain circulation*
- (3) Expansion of opportunities for collaboration with countries outside ASEAN*
- (4) provision of systematic opportunities for open innovation in the East Asia*
- (5) Provision of research opportunities for the East Asian researchers who are currently staying outside the region*

## **3. Synergy effects and beyond: Merits of multilateral research collaboration (2)**

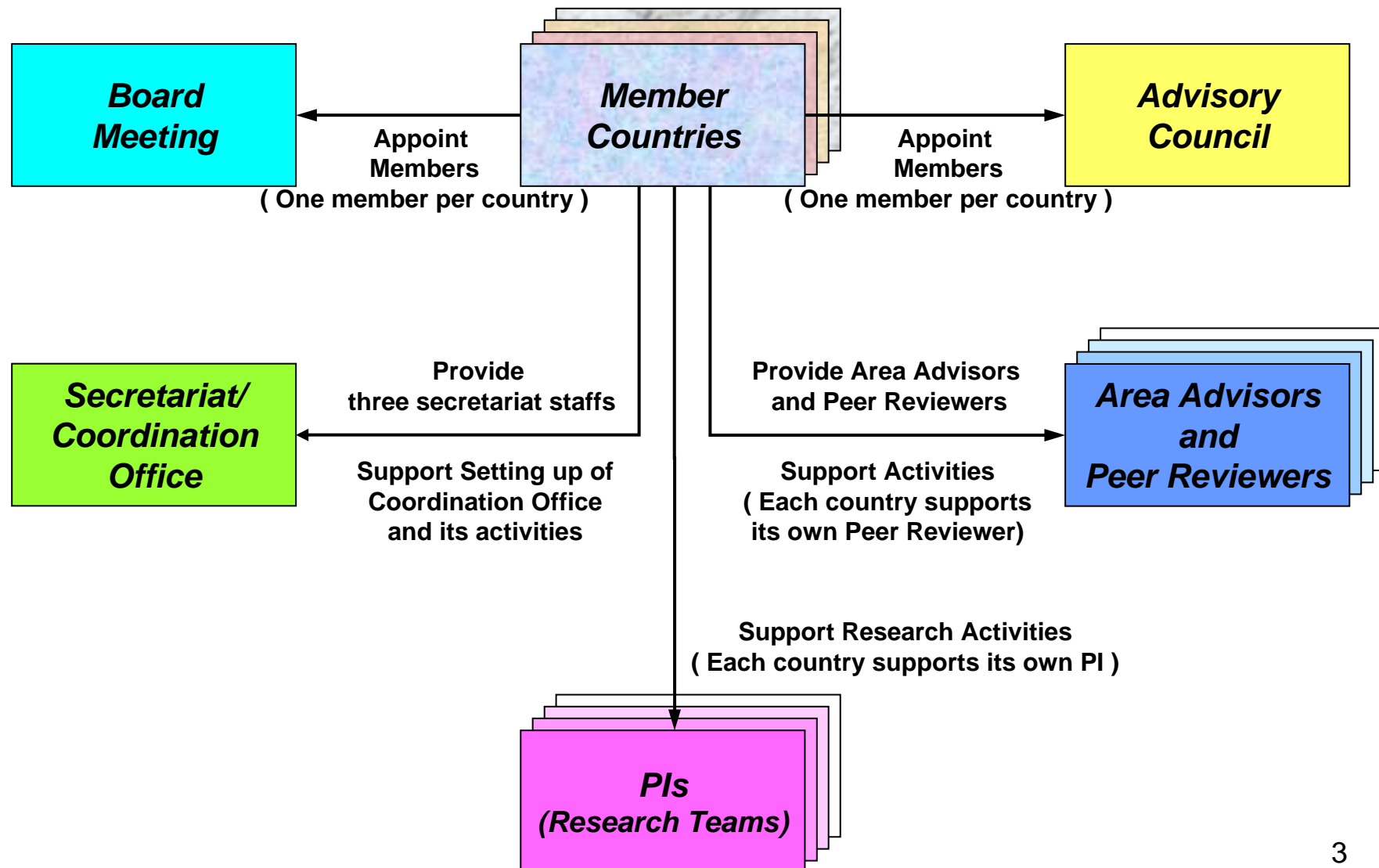
- (1) Best of best research teams can be formed.*
- (2) Various research resources (researchers, facilities, resources, natural conditions etc.) can be integrated.*
- (3) Synergy, complementary and leverage effects can be expected.*
- (4) Awareness of issues and solutions can be shared (information sharing).*
- (5) Common issues can be tackled in collective approach.*

## **4. Effective coordination by the secretariat**

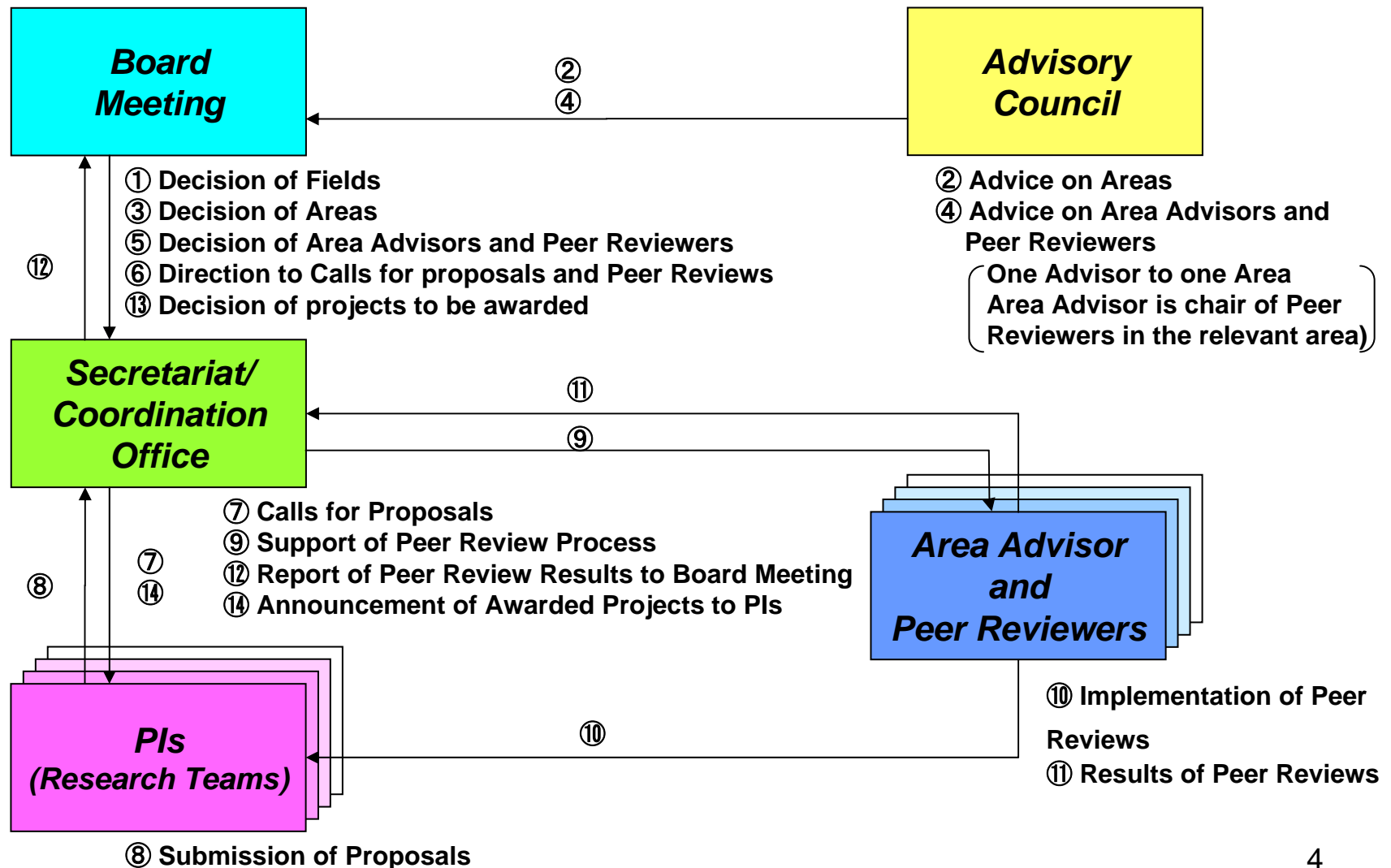
- (1) Providing functions for systematic matching of interests and project formation*
- (2) Providing functions for systematic dissemination and exploitation of research results*



## 2. Roles of Member Countries

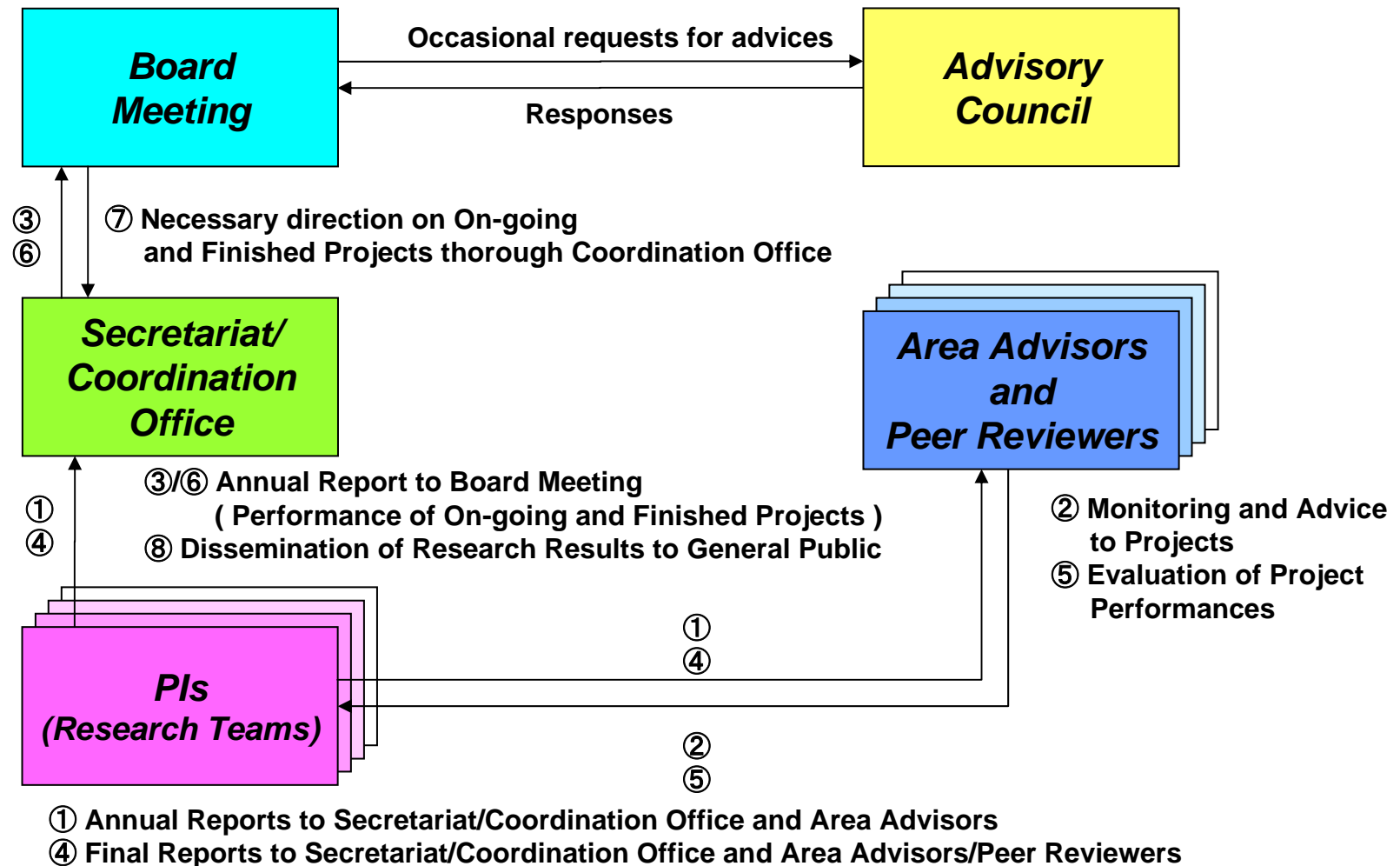


### 3. Decision of cooperation fields/areas and projects

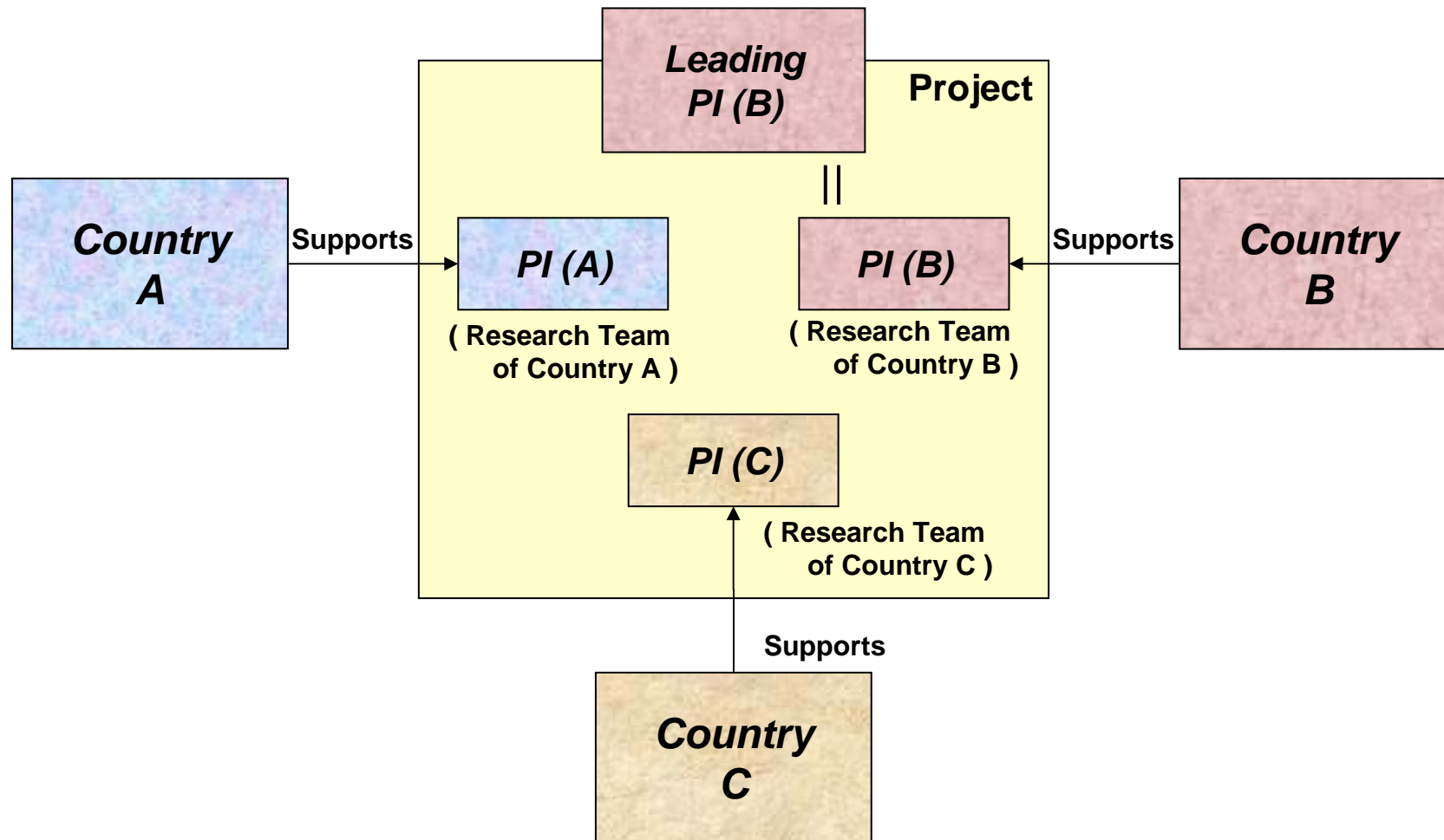




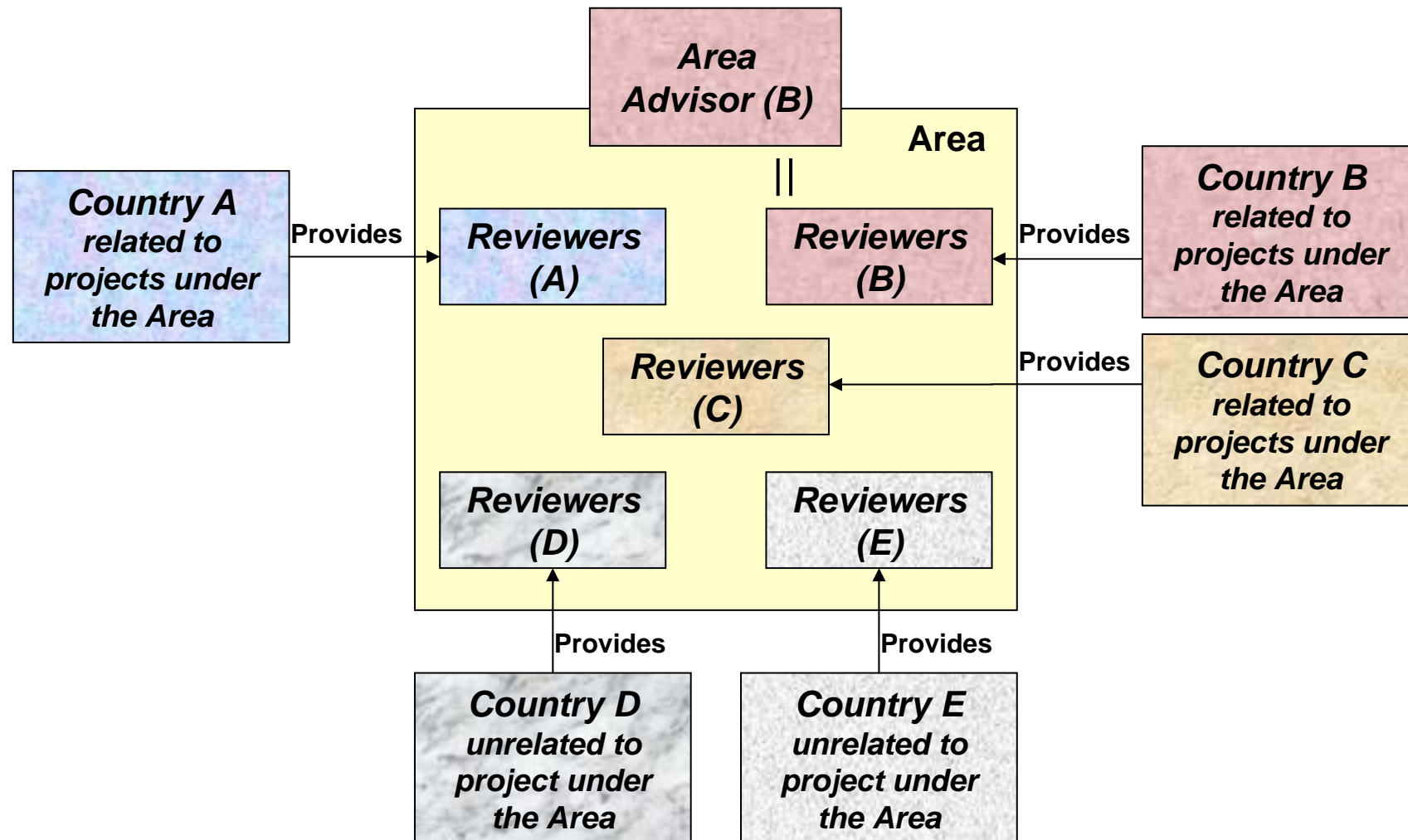
## 4. Implementation Phase and Final Stage of Projects



## 5. Structure of Project and Support of Countries



## 6. Structure of Peer Review Panel



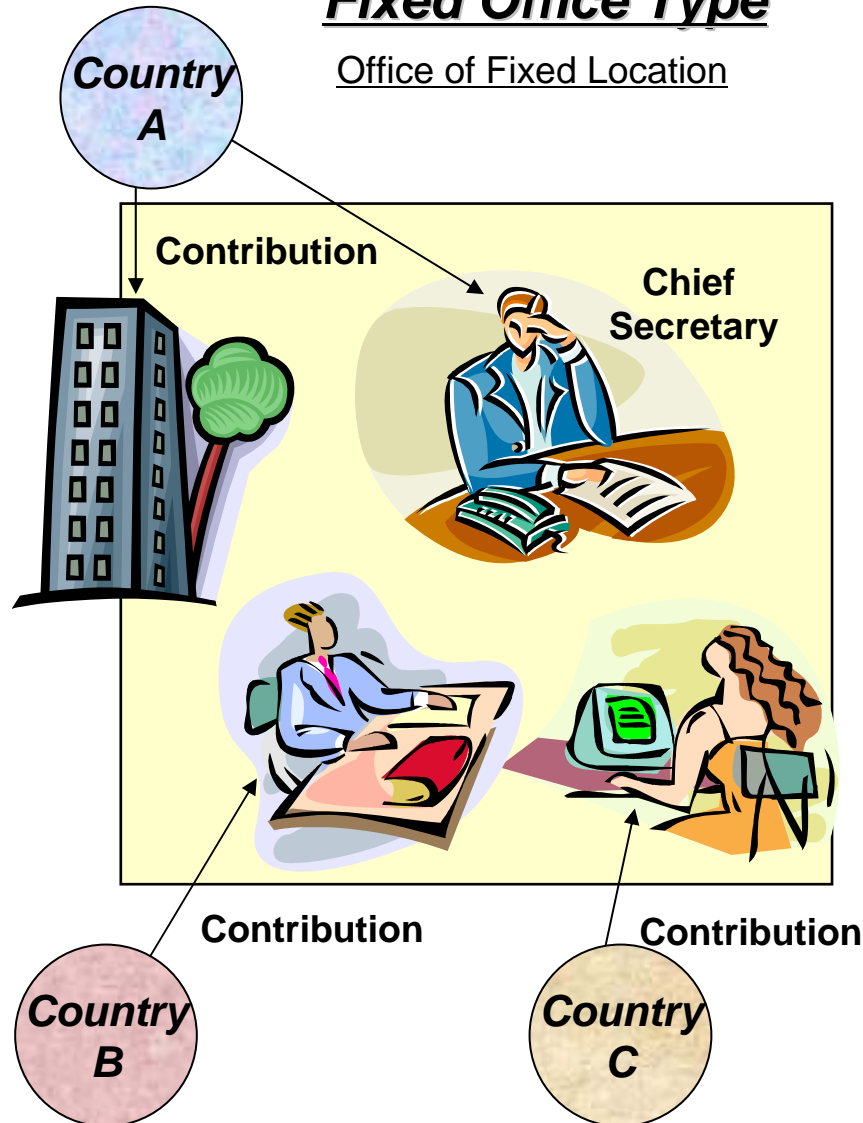




## 7. Structure of Secretariat (two options)

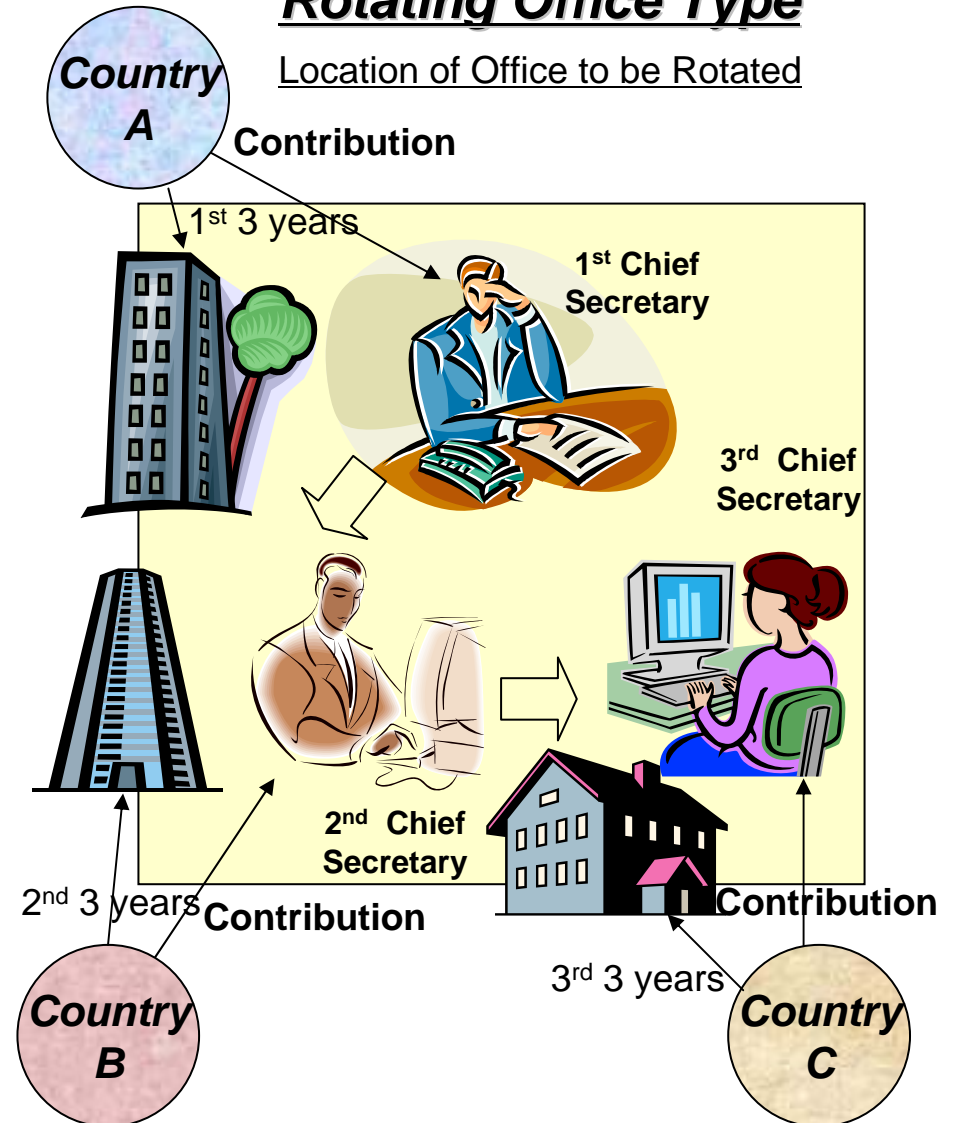
### Fixed Office Type

Office of Fixed Location



### Rotating Office Type

Location of Office to be Rotated



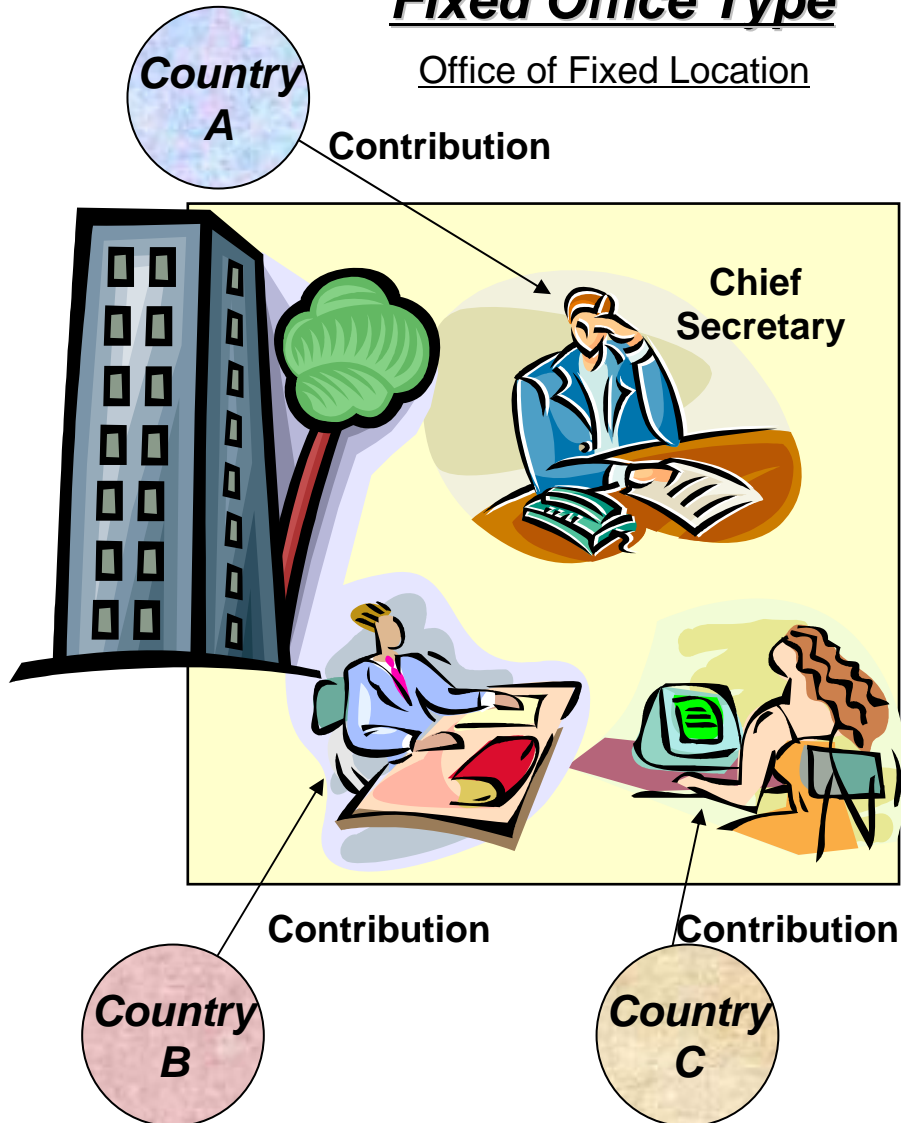




## 8. Structure of Secretariat (another option)

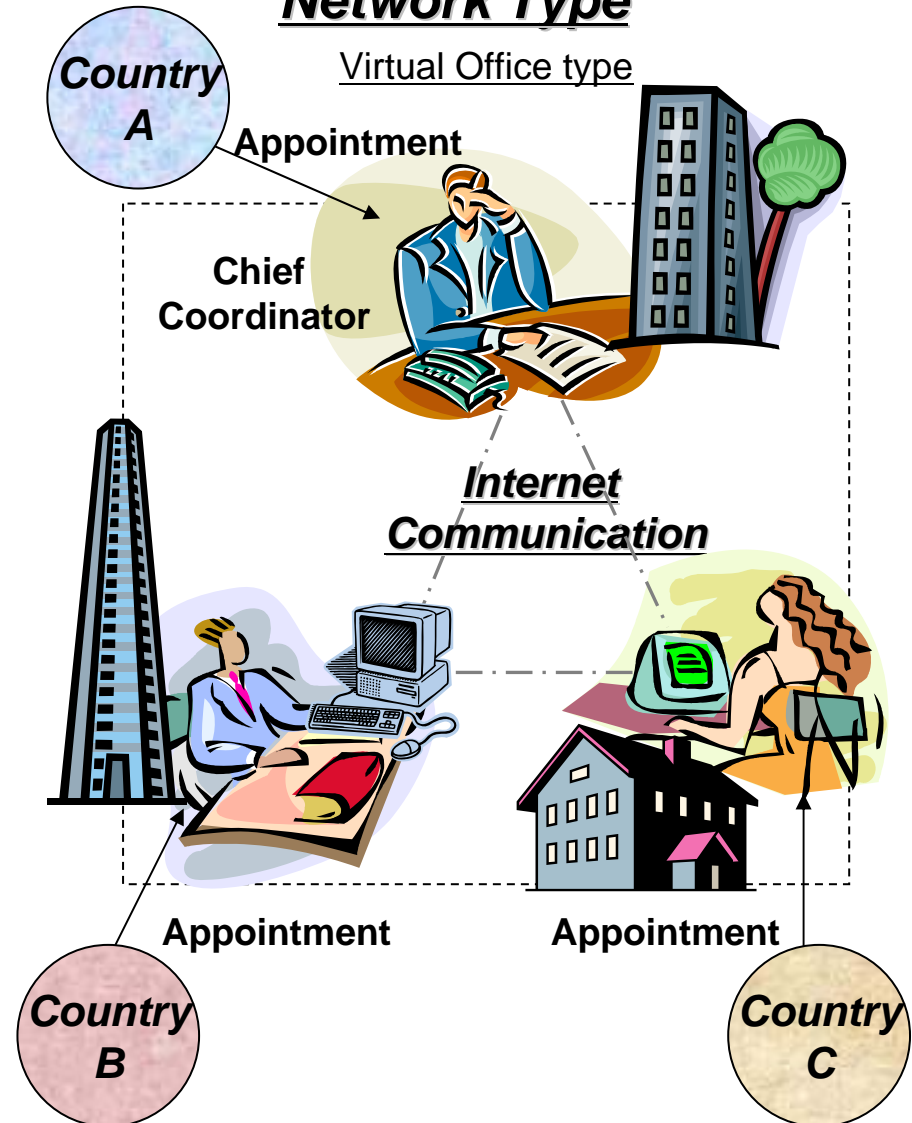
### Fixed Office Type

Office of Fixed Location



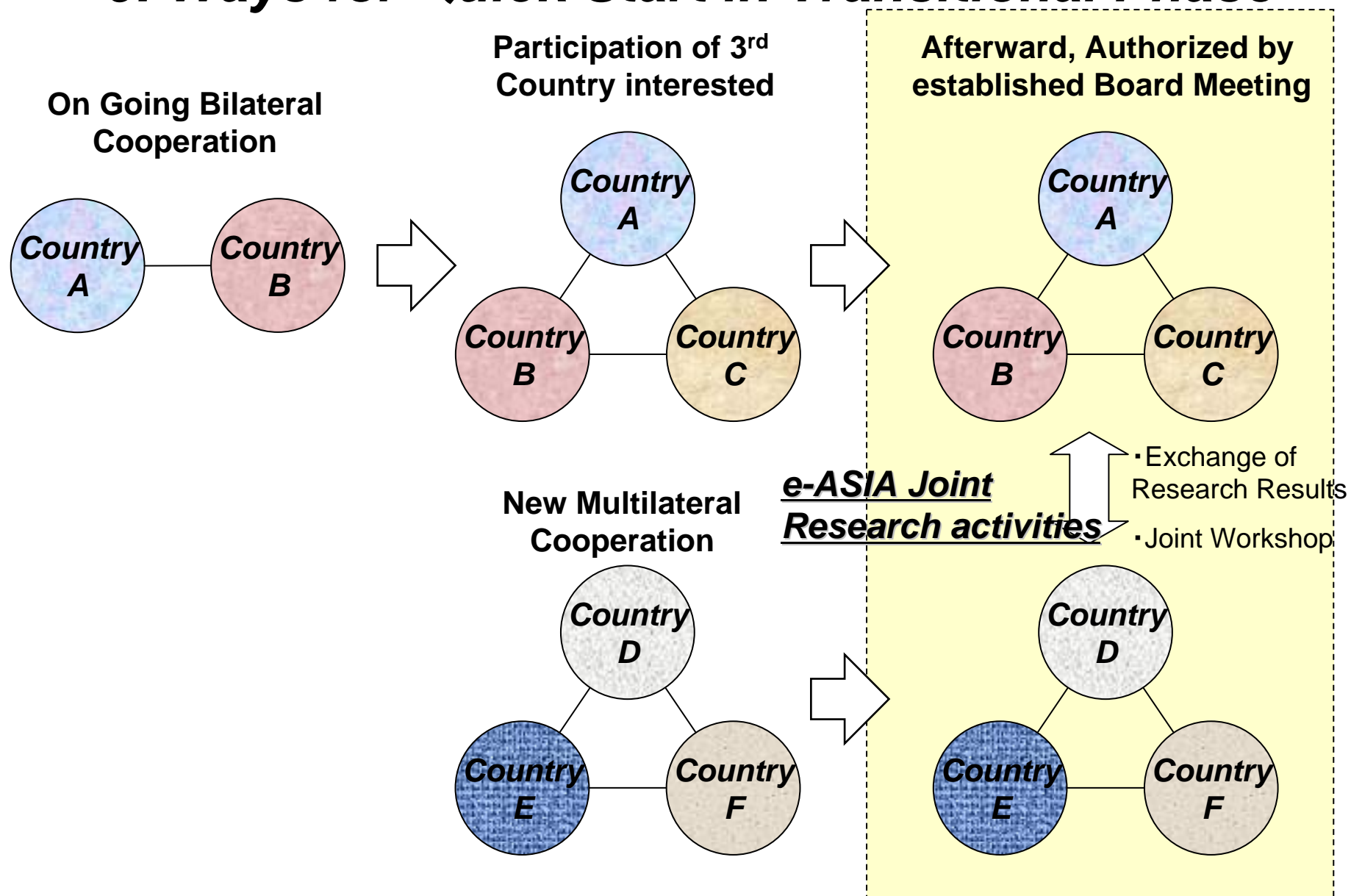
### Network Type

Virtual Office type





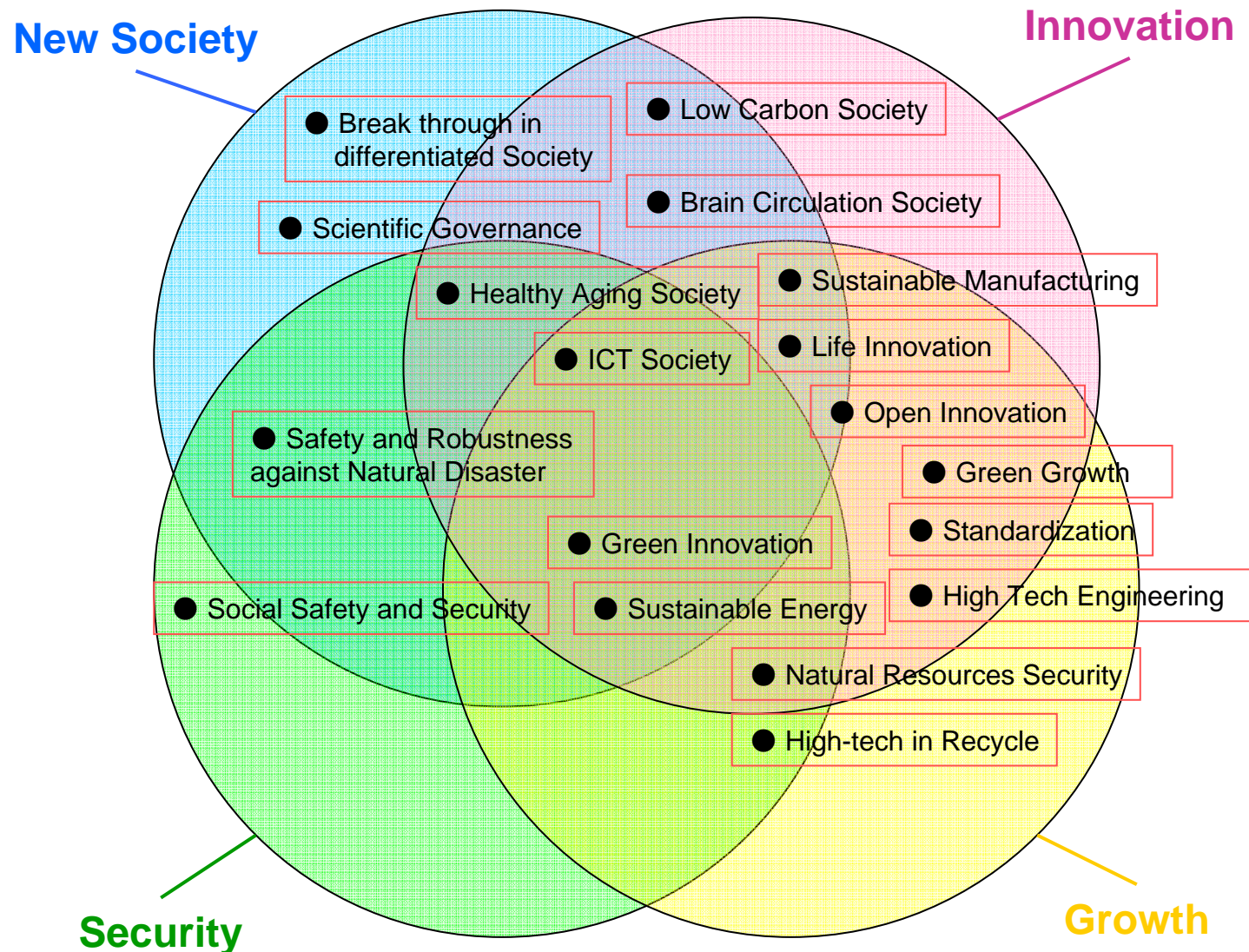
## 9. Ways for Quick Start in Transitional Phase





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## 10. Image of Joint Research Fields and Areas: With a viewpoint of Economic and Social Implication





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## 11. Image of Joint Research Fields and Areas With a viewpoint of Science and Technology

