

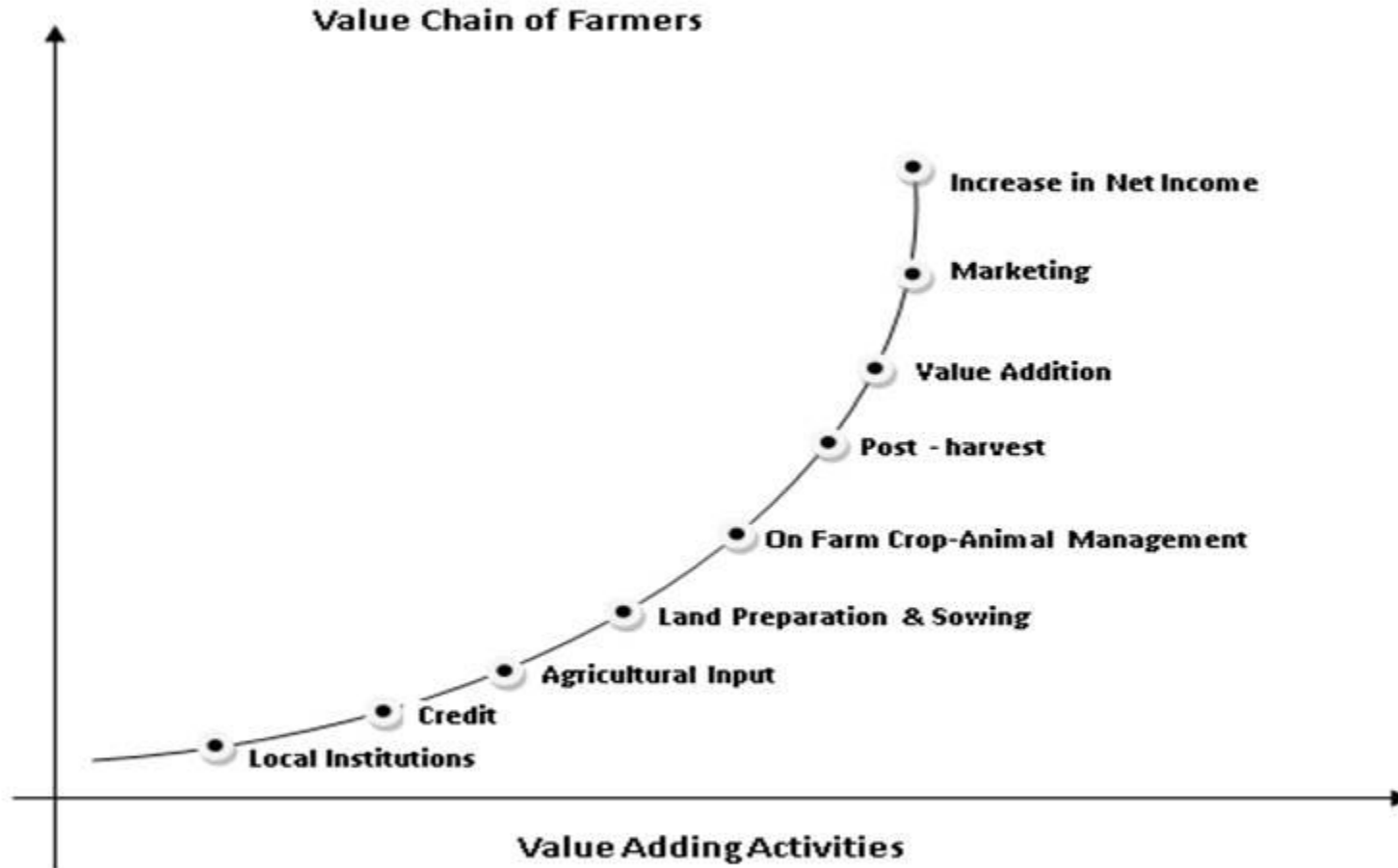


FPO: Organization Design & Systems Perspective for Sustainability of small & marginal Producers

Leaving no Farmer Behind & Enabling Every Stakeholder to Empower our Farmers

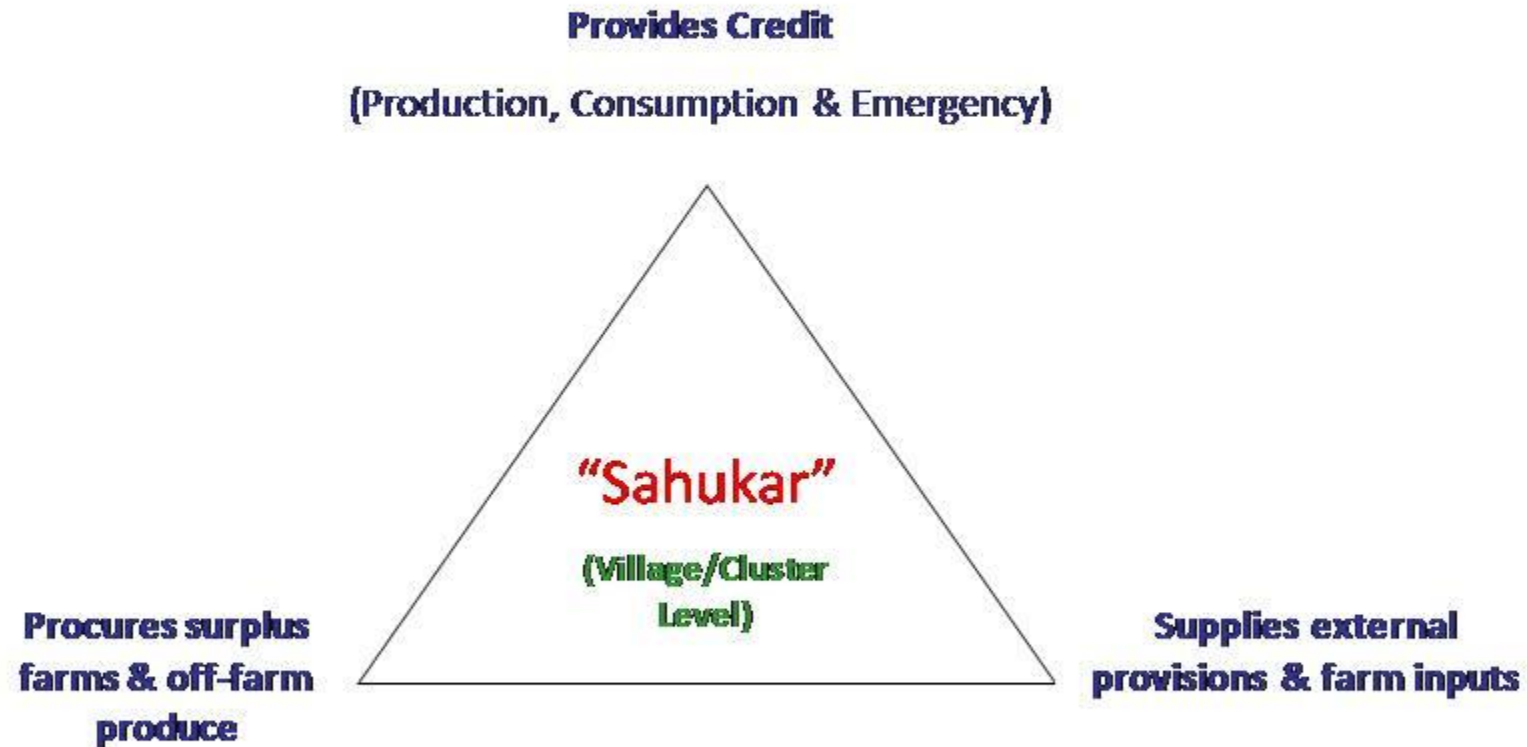
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XIMB, Xavier University Bhubaneswar

Value Chain Risks to Farmers



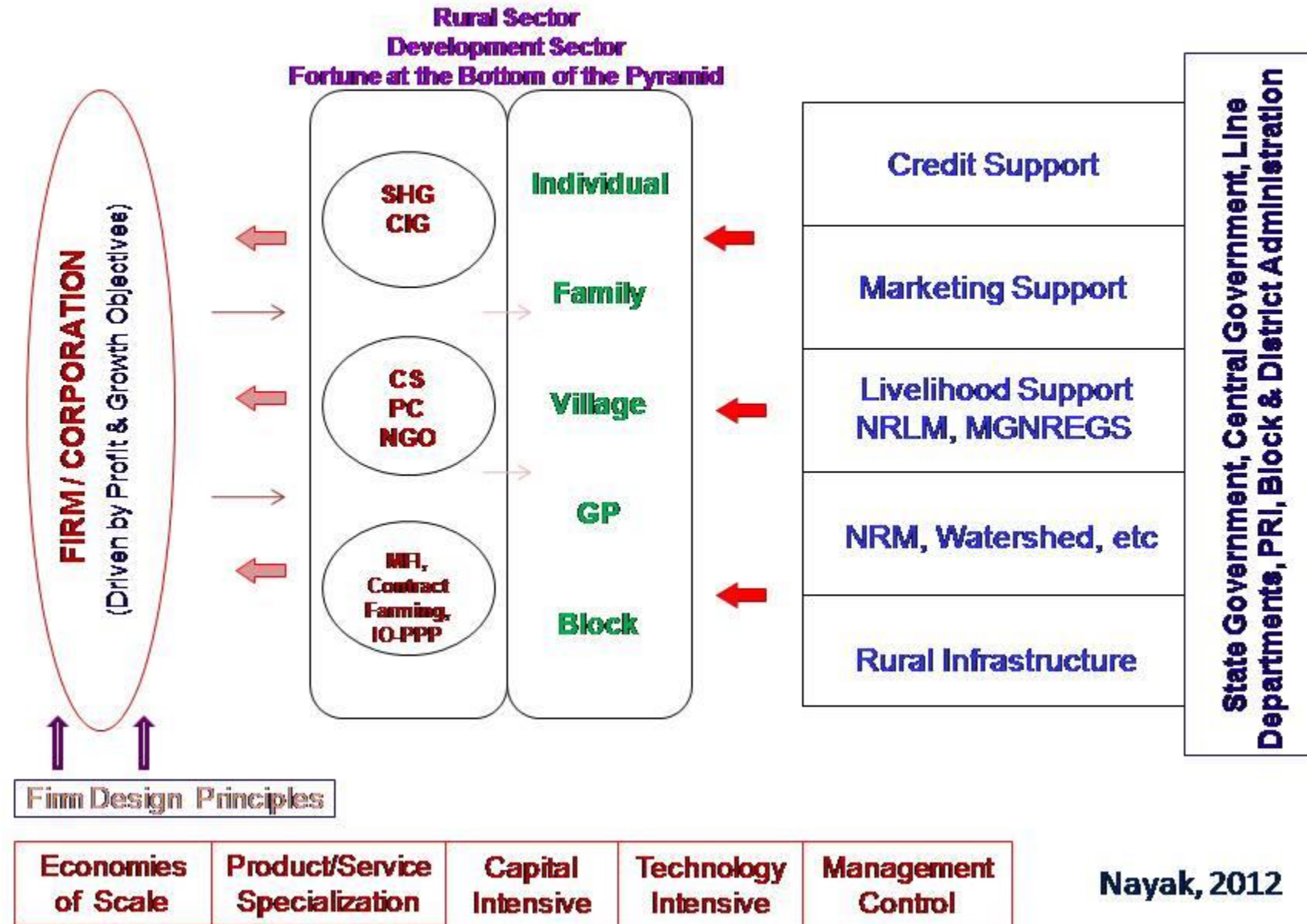
| RISK AT DIFFERENT ACTIVITIES OF AGRICULTURAL VALUE CHAIN & COMPOSITE RISK * IIIT (IRRIGATION & IMPERFECT INSTITUTIONAL SETTINGS) | | | | | | | | | | |
|--|------|--------|-------------|---------|-------------|--------|-------------|-------------|-------|----------------|
| IIIT | | RISKA1 | RISKC | RISKLPS | RISKFCA | RISKPH | RISKVA | RISKM | RISKI | COMPOSITE RISK |
| 1 IRRIGATED | Mean | 0.95 | 1.01 | 1.08 | .93 | 1.08 | 1.08 | 1.03 | 1.00 | 1.00 |
| | N | 1045 | 1045 | 1048 | 1045 | 1046 | 1045 | 1045 | 1043 | 1048 |
| | S.D. | 0.32 | 0.31 | 0.27 | 0.30 | 0.35 | 0.33 | 0.32 | 0.32 | 0.19 |
| 2 RAINFED | Mean | 1.03 | 1.21 | 1.08 | 1.23 | 1.08 | 1.20 | 1.26 | 1.06 | 1.09 |
| | N | 1020 | 1014 | 1024 | 1018 | 1014 | 1009 | 1013 | 1013 | 1027 |
| | S.D. | 0.28 | 0.33 | 0.38 | 0.36 | 0.50 | 0.65 | 0.48 | 0.44 | 0.25 |
| Total | Mean | .99 | 1.11 | 1.08 | 1.08 | 1.08 | 1.14 | 1.14 | 1.03 | 1.05 |
| | N | 2065 | 2059 | 2072 | 2063 | 2060 | 2054 | 2058 | 2056 | 2075 |
| | S.D. | 0.30 | 0.34 | 0.33 | 0.36 | 0.43 | 0.52 | 0.42 | 0.38 | 0.22 |

The Community Based Institution of Sahukar

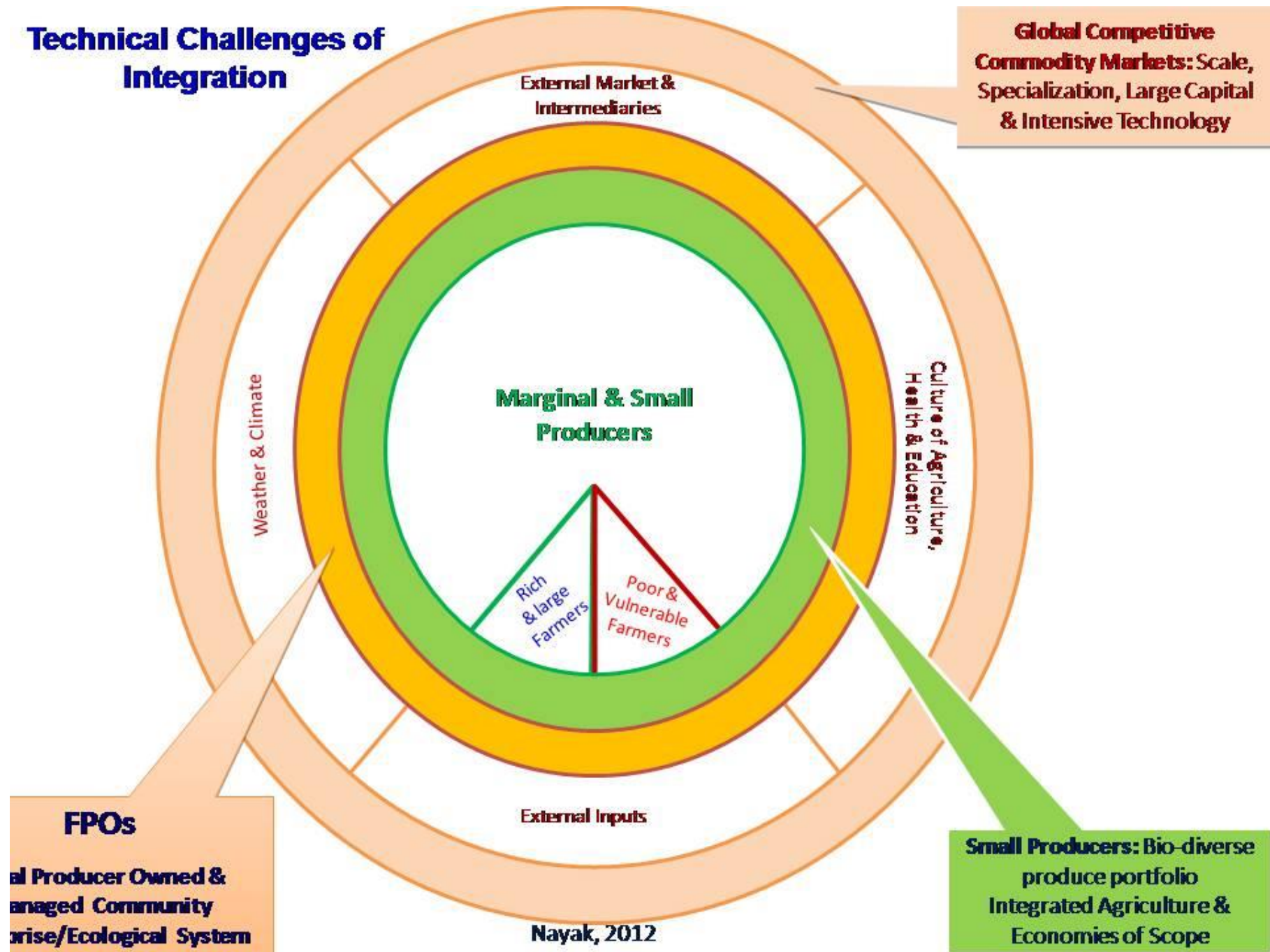


Nayak, 2012

Development Intervention from a Traditional Firm Perspective (Market & Firm Based Approach)



Technical Challenges of Integration



Interventions by NABARD

Micro-credit – SHG Movement

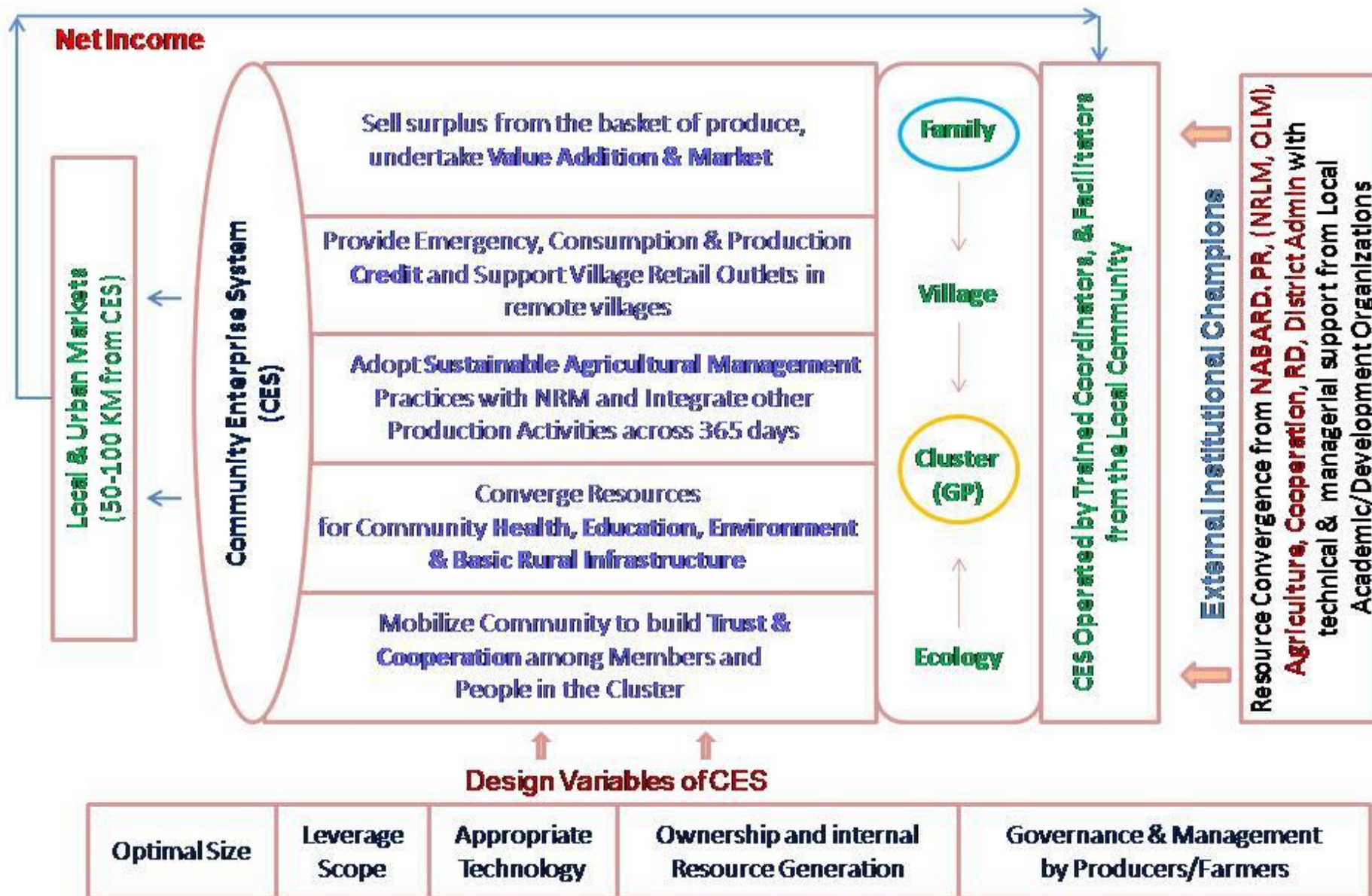
Wadi

Watershed

FPO

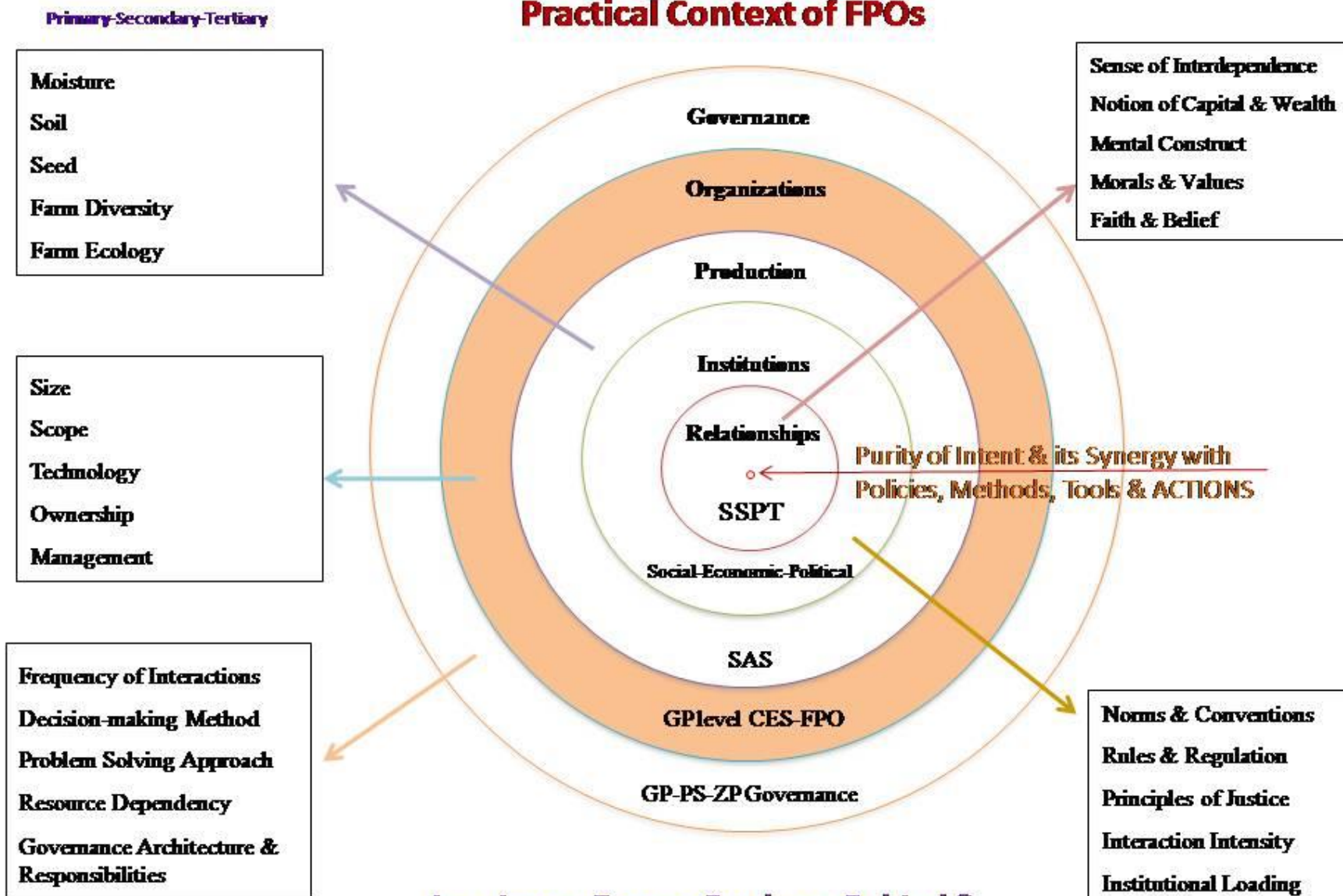
Layers of Interventions by NABARD in a Cluster & Success of FPOs

Organizational Design & Institutional Relationship for Sustainable Community Enterprise Systems



Holistic Interventions to fit the Practical Context of FPOs

Nayak, 2017



Leaving no Farmer-Producer Behind & Enabling every Stakeholder to empower the Farmers-Producers

District Level Institutional Architecture & Relationships among FPOs

