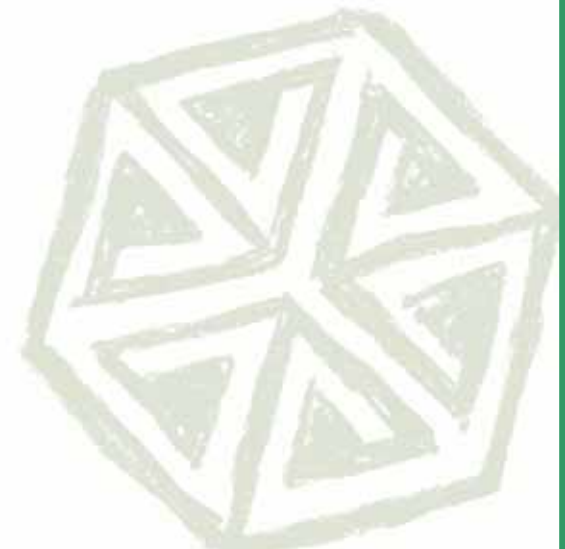


# Workshop on mango research, development and extension in Pakistan and Australia

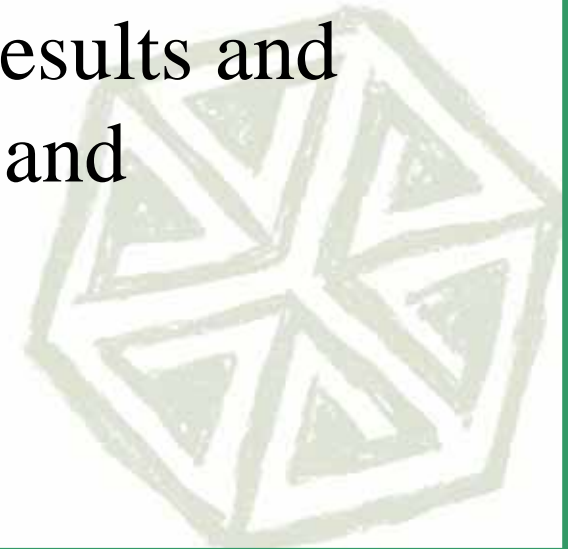
## Conclusions and recommendations

Dr Christian Roth  
ASLP Coordinator



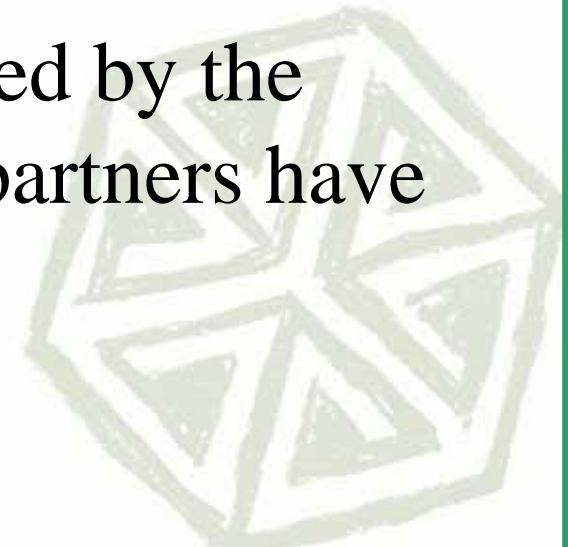
# Workshop Objective 1

- To bring together researchers and stakeholders from Pakistan and Australia working in mango research, extension and agri-business, in order to build linkages by sharing and jointly evaluating results and experiences in mango research and extension



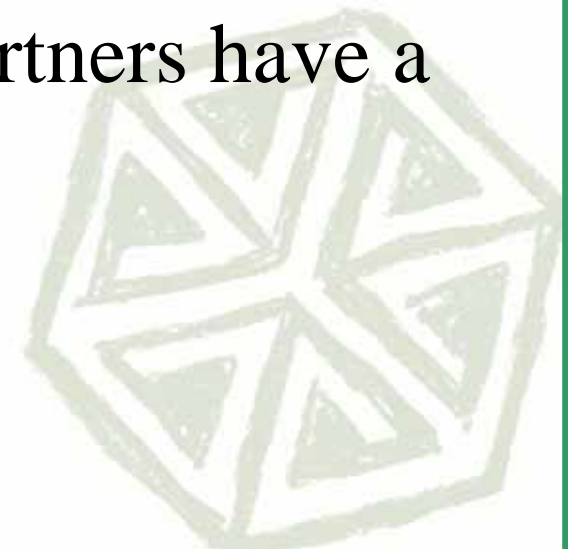
## Workshop Objective 2

- To clarify future mango research and development needs in partnership with relevant agencies for collaborative activities under the auspices of the ASLP { ...that can be feasibly targeted by the ASLP and where Australian partners have a comparative advantage }



## Workshop Objective 3

- To identify future capacity building and training needs in Pakistan mango research, development and extension  
{ ...that can be feasibly targeted by the ASLP and where Australian partners have a comparative advantage }



## Recommendation 1: Development of two ASLP research & development projects

- Project 1:

Goal: to produce better quality mangoes for the domestic and export markets

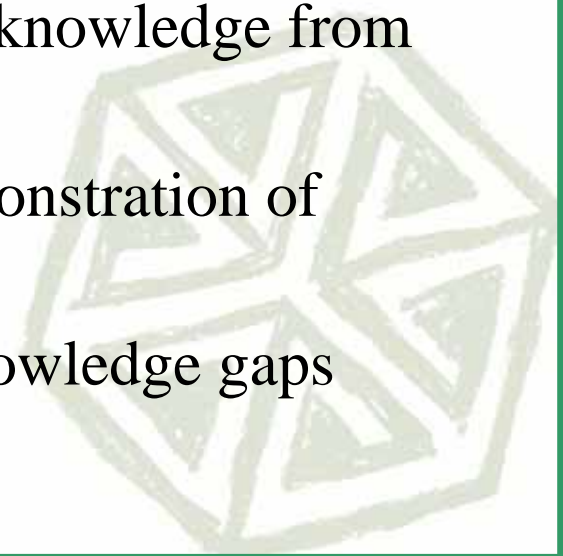
- Project 2:

Goal: to deliver better quality mangoes to consumers in Pakistan and selected overseas markets



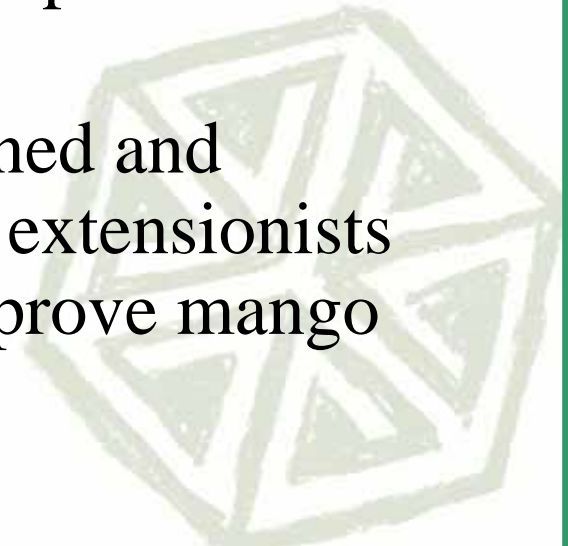
# Project 1 - approach

- Will take a systems approach to managing mango orchards (integrated crop, disease and pest management)
- Will be a combination of:
  - Packaging and disseminating existing knowledge from Pakistan and Australia
  - On-farm participatory testing and demonstration of practical management practices
  - Targeted research to bridge critical knowledge gaps



# Project 1 – principles and outcomes

- Will be a collaborative venture involving farmers, researchers, and extensionists as equal partners
- Will after three years have assembled Best Practice packages that increase the profitability of mango growing by reducing costs of production and improving product quality
- Will after three years have well trained and dedicated multi-skilled researchers, extensionists and farmers that can continue to improve mango production and dissemination



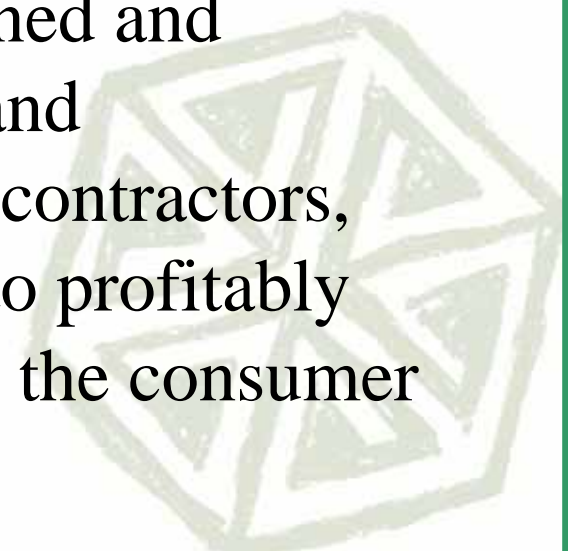
## Project 2 – approach and principles

- Will take a systems approach to mango supply chain management (linking the consumer to grower)
- Will be a combination of:
  - Participatory identification and implementation of improved supply chain processes
  - Targeted research in post-harvest management to bridge critical knowledge gaps
- Will be a collaborative venture involving all critical actors in the management of supply chains



## Project 2 – outcomes

- Will after three years have implemented example supply chains for domestic and export markets that increase value delivered to all participants in the supply chain
- Will after three years have well trained and dedicated post-harvest researchers and extensionists that can help farmers, contractors, processors and marketers continue to profitably improve mango quality delivered to the consumer



## Recommendation 2: Design and delivery of a training and capacity building programme

- Training and capacity building in mangoes by the ASLP will be undertaken in a project context
- Training modules will be tailored to match needs of different target groups (researchers, extensionists, farmers, contractors, processors, marketers)
- Underpinning tailored training modules will be a programme of more broader enhancement of farmer and extensionist skills using approaches like Farmer Field Schools



## Recommendation 3: Enhancing linkages beyond the ASLP

- Enhanced coordination by PARC of research linkages with the two ASLP projects by calling for complimentary proposals through the ALP
- Flanking infrastructure development (e.g. cool chains; cooled transport) needs to be pursued as a matter of urgency through EPB/PHDEB, MINFAL/ADB project and Provincial Govt. initiatives
- Upscaling of training by linkage with other GoP and Provincial Govt. programmes and the AusAID training and scholarship programme

## Next steps

- Two Australian scoping teams will complete their study (mid April) and report back to ASLP coordinator (end April)
- Full proposals will be developed by joint Australian and Pakistan teams for submission to ACIAR (May/June)
- ACIAR approval process (July)
- Pakistan approval process (EAD; July/Oct)
- Project implementation (Oct)

