ELECTRON BEAM PROJECT CASE STUDY

• CONCEPT STARTED (2012)
• SEARCH FOR SUPPLIERS (2012)
• CONSTRUCTION STARTED (2016)
• PROJECT EXECUTED (2018)
POTENTIAL CHALLENGES FACED

- CHOICE OF SUPPLIER
- COMPLEX CONSTRUCTION DESIGN
- TECHNICAL EXPERTS
- UNAWARENESS OF TECHNOLOGY
- NO COUNTRY REGULATORY STANDARDS
CHALLENGES TACKLED

SUPPLIER CHOSEN

VENDOR SUPPORT

AWARENESS SESSIONS / SEMINARS

FREE OF COST TRIALS

STANDARDIZED PROTOCOLS IN PNRA

REGULATORY & INDIVIDUAL AUDITS
FROM FOOD TO OTHER INDUSTRIES

RELUCTANT TO MOVE
FROM FOOD TO OTHER INDUSTRIES
DOMESTIC IMPACT

COST SAVING

LOGISTIC SAVING

BOOST EXPORT

GREEN TECHNOLOGY
CURRENT ACTIVITIES

SPICES

PHARMACEUTICALS

PACKAGING INDUSTRY

PRECIOUS STONES
STRATEGIES TO ADOPT E-BEAM

1. COUNTRY NEED ANALYSIS
2. AWARENESS SEMINARS
3. PROJECT LOCATION
4. CHOICE OF SUPPLIER
5. EXPERT CONSTRUCTION TEAM
6. EXPERT MARKETING TEAM
STRATEGIES TO ADOPT E-BEAM

7. EXPERT OPERATIONS TEAM

8. PATIENCE
FUTURE OPPORTUNITIES & CHALLENGES

- MORE AWARENESS AND ACCEPTABILITY IN LOCAL AND EXPORT MARKET

- NEED MORE R&D ON LOCAL MANUFACTURED PRODUCTS

PEBIL FACILITY IS AVAILABLE FOR ALL KIND OF LOCAL AND INTERNATIONAL R&Ds
THANK YOU

Take Home Message: E-BEAM technology is a 100% GREEN TECHNOLOGY for Sterilization