

UHTXLUHG FKHPLFDOV ZDV SURFXUH

- 6WXG\ QSHZURDFKHWKRFGRDQJ
- 3UHSDUHG DQG VXEPLWWHG)SBRSDDEG UIRWLYDVBEBVHDFK JUDG  
EDVHGHRDQFLQJ PDWHWUBGURJUHVVLYH 3HURY&KDLQHWJ \$  
IRU 6\$XWKF DTV 6RODU 7HFKQRORJ\
- 'UDIWLQJPHDQXVFULSWWEGHHCORSPROW RIILFLHQW DQG FRVW

.DQVDV 81KWV ZDV

P\ VHFRQQVWKVLWQLWHDG GWDKWHM[SHBHQGFHFZDO WRZDUGV P\ UHVF  
GHYHORSHPHQW DQG EXLOGLQJ D VWURQJ FROODERUDWLYH SDUWQ

:LWK WKH JURZLQJ GHPDQG IRU VXVWDLQDEOH HQHEDXV DQG WKH FR  
RQ D JUDQG VFDOH UHBEDEOH DQVHFRQDWLYH HGHUJROVUXUFHV DU  
SRZHU LV DQ DOWHUQDWLYH DQG UHQHZDEOH HGHUJ\ VRXUFH WK  
PDUNHWSODFH 3HURYVNLWHDQVFDYDQWODW R36&W WKUDGG WLRQDO V  
LQ WHUPV RI LWV FRVWV DQG VLFSLOLF LPWHWRI OSUPPRQLVLPQ JH36&V  
&+1+3E, DQG IRUPDPLGLQLXP OH36, VKBZGVXS+8HEDFRSWRRQLF  
SURSHUWZHVHU 3&6HU VWDELOLW\ LVVXHV IDFWRUV WKDW DUH  
FRPPHUFLOKJHDWWBQLOLW\ FDCHEYHORSUWPLSHBAYFNWMLDOV  
DQG KROH WUDQVSRUWLQJ PDWHULDOV

7KH 8SURYLGHG D ZHDOWK RI UHVRXUFHV H[SHUW

ZLWK LP SURYRICPDQFH

HIILHQFLHV

# UMSAEFACTIVITIES 30 Sept 5 Nov 2021

WHFKQRORJLFDOP SRVVLELOUWS URULDO SURGXFWLRQ ZLWK PLQLPD  
LQIUDVWUXFWXUH RI SHURYVNLWH VRODU FHOOV PDNHV WKH SURS

Deliverables :

- , Collaborative research: 3 URI=KRQJKXD 3HQJ 3K 80& UKDWR IWHQ  
LQVWUXPHQWOLWDLQJLWLDWHVRYVNLWZKLVKOLLOHECHILW (QH  
5HVHDFKDFKLQJ DQGSRVLELOUWS RI WKH3:WHVHQDUQHSDGHW R  
FRXSHUYLVH DQG KRVW ERWK D 06F DQG 3K' VWXGHQW WR FRO  
8QLYHUVLW\ RI 0LVWRXPRQGKULQJ IDUFK YLVLW
- ,, The students and researchers :H LGHQWLILHGS DRUWVXORSW RVSHFFWLYH  
DQG 3VWXGHQWVH WUDLQHGH RQIFXDFK WRROV DQG PHWKRGROR  
LPSURYH WKH LQWHUQDWLRQDO UHVHDFK SURILOHV RI ERWK X  
EHWZHHQ ERWK FRXQWULHV 7KH WHDFKLQJ DQG WUDLQLQJ SUR  
DOERQHILW IURP ERSDUW(DMLRQ & RQYHUVLRQ YLD 3KRWRFDWDO  
,, Socio-economic benefits 7KH RXWFRPH RI WHVH DZRHDCZG WK FRPPHUFDO  
SDUWZLQV OHDG WR ORZHU HQYLURQPHQWDO LPSDFWV RYHU WL
- ,9 Small energy users VXDK UXUDO KR\FKRRORJVS RYHUFRPHXQLWLHV  
7KHVH GHYLFHV DUH GHVLJQH WR SURYLGH HQRXJK HGHUJ\ W  
SKRQH DQG SURYLGH HGHUJ\ IRU FRPPXQLFDWLRQ RU HDUO\ ZD  
9 The economy: 7KH SRVVLELOUWS URULDO SURGXFWLRQOLWLDWHV  
UHTXLUPHQWV DW D ORFDO FRPPXQLW\ OHYHO 6XFK XQLWV FR  
HGHUJ\ WR VXSSO\ OLJKWLQJIRW EDXHDGK R\KDWK R\KGV tqLdö H

