

UHTXLUHG FKHPLFDOV ZDV SURFXUH

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

.DQVDV 8KLV ZDV

P\ VHFRQQVWKLWVQLWHDG GWDKWHM[SHBHQGFHFZDQ 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 3HURYVNLWHDQVFDGDQVWODW R36&W WKURDGLWLRQDO V  
LQ WHUPV RI LWV FRVWV DQG VLFSLQHF LPWHWR\ OSUPPRQLVLPQ JH3D&V  
&+1+3E, DQG IRUPDPLGLQLXP OH36, VKBZGVXS+8HEDFRSWRRQLF  
SURSHUWZHVHU 3&6HU VWDELQW\ LVVXHV IDFWRUV WKDW DUH  
FRPPHUFLOKJHDWWBQLQW\ FDCHEYHORSURQLPLSHYFNWMLDOV  
DQG KROH WUDQVSRUWLQJ PDWHULDOV

7KH 8SURYLGHG D ZHDOWK RI UHVRXUFHV H[SHUW

ZLWK LP SURYRIGPDQFH

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  
LQVWUXPHEDWDOVWMLQJLWLDWHVRYVNLWZKLVKODLOEHCQHILW (QH  
5HVHDFKDFKLQJ DQGSRVLELOUWS RI WKH3:WHVHQDUQHBDGSHWR  
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 3VWXGHQRWEH WUDLQHGH RQHFXDWFK WRROV DQG PHWKRGROR  
LPSURYH WKH LQWHUQDWLRQDO UHVHDFK SURILOHV RI ERWK X  
EHWZHHQ ERWK FRXQWULHV 7KH WHDFKLQJ DQG WUDLQLQJ SUR  
DOERQHILW IURP ERSDUW(DMLURQ&RQYHUVLRQ YLD 3KRWRFDWDO  
,, Socio-economic benefits 7KH RXWFRPH RI WHQWLDZIRQDQZGWK FRPPHUFLO  
SDUWZLQV OHDG WR ORZHU HQYLURQPHQWDO LPSDFWV RYHU WL
- ,9 Small energy users VXDK UXUDO KR\FKIRKROGVS RYHUFRPHXQLWLHV  
7KHVH GHYLFHV DUH GHVLJQHG WR SURYLGH HQRXJK HGHUJ\ W  
SKRQH DQG SURYLGH HGHUJ\ IRU FRPPXQLFDWLRQ RU HDUO\ ZD  
9 The economy: 7KH SRVVLELOUWS URULDOVWMLQJLWLDWHVRYVNLWZKLVKODLOEHCQHILW  
UHTXLUPHQWV DW D ORFDO FRPPXQLW\ OHYHO 6XFK XQLWV FR  
HGHUJ\ WR VXSSO\ OLJKWLQJIRW EDXHDGK R\KDWK R\KGV tqLdö H

