

Rough Order of Magnitude Budget Estimated Hardware Costs at NTNU Fall 2006 – Spring 2010	
Semester	Value in kNOK
Spring 2007	
145 Mhz Radio	10000
437 Mhz Radio	10000
Software Radio Payload	5000
ADCS	10000
Ground Station at NTNU	10000
OBDH (including sensors)	10000
Total Costs	55000
Fall 2007	
Payload Development	5000
Radio Systems Assembly and Testing	10000
ADCS Assembly and Testing	5000
OBDH Assembly and Testing	5000
Power System Design (including solar cells)	30000
Total Costs	55000
Spring 2008	
Payload Assembly and Testing	20000
Power System Assembly and Testing	10000
System Testing	5000
Total Costs	35000
Fall 2008, System test and verification	NAROM
Spring 2009, System integration and launch preparation	NAROM
Fall 2009, Operations	NAROM
Spring 2010, Review	0
Accumulated costs	145000