

Relocation of the VT Dairy



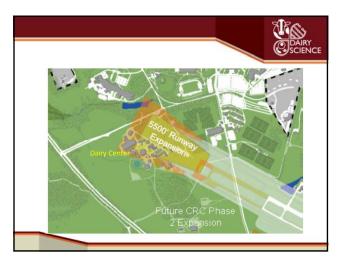
- Why?
 - Current facility was completed in 2005
 - A bit of history Long convoluted political process
 - Vetoed by Governor Gilmore
 - Veto overidden by House and Senate. John Miller and John Chichester
 - Nearly 5 years between initial approval and completion.
 - Convenience of location for teaching and research efforts.

Why????



- Expansion of Research Park
 - 90 acres to research park several years ago.
 - \$75,000 to DASC to make facility changes and purchase equipment to move animals.
- New 460 Exit to Va. Tech Campus
- Expansion of airport







The Challenges



- Planning began in late 2010 with master planning of relocation
- Impacts
 - All DASC facilities Freestall, milking, feed, youngstock, Etgen Pavilion
 - DASC teaching and research
 - Ag. Tech Teaching
 - Vet School Teaching and Research

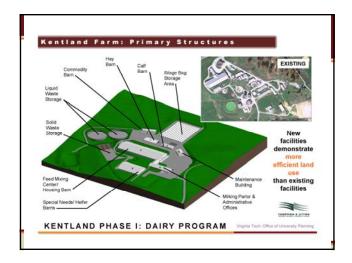
Planning - 2010

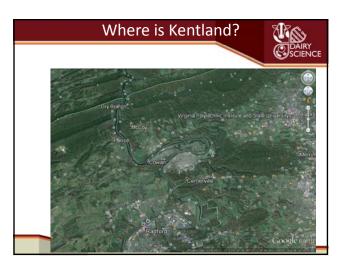


- CALS Administration
- Hugh Latimer Campus planning
- DASC Akers, James, Knowlton
- Architects
- Engineers Agriculture and Civil
- Animal Science
- CSES

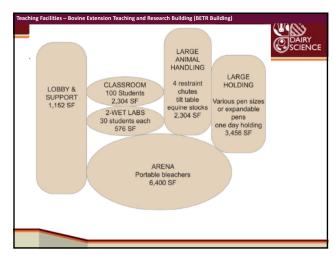
Four components for replacement of function

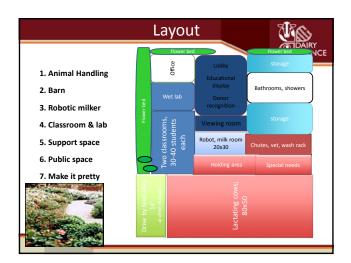
- Dairy center Free stall barn, milking facility, feed storage, calf and heifer facility, manure storage, offices.
- Etgen Pavilion Teaching
 - BETR Bovine Extension Teaching and Research.
- Palpation Teaching
 - Applied Reproduction Facility
- Metabolism Intensive research

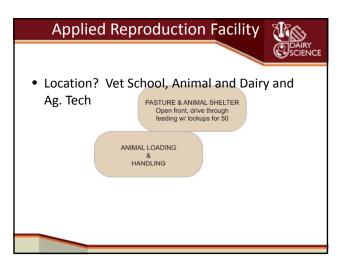












Initial Funding Estimates

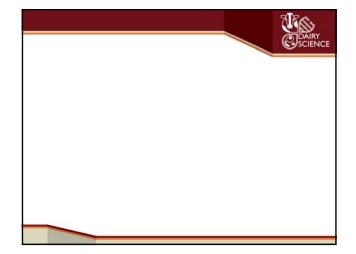


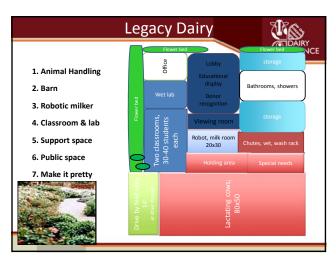
- Dairy center for all dairy animals Va. Tech Foundation - ~\$16 million
- Applied reproduction \$381,000
- BETR building \$4,255,000
- Metabolism Lab \$3,134,00

Funding



- Dairy Facility ~ \$14,000,000 Va. Tech Foundation
- ARF, BETR, Metabolism \$500,000 in planning money from legislature.
 - Remodel old facility at Kentland for ARF
 - Remainder ????
- Robotic student run dairy.







Community Agriculture Center

Proposed Legacy Dairy/Legacy Farm/Community Agriculture Centre at Virginia Tech will be host to several student-run businesses including, but not limited to, a robotic dairy and value-added agritourism enterprises. The student-run business(es) will be a new venture for the college. A key goal is to operate multiple food and farm businesses to be sustainable economically, socially, and environmentally.

What's happening at Kentland?



- English Construction
- 5-G Consulting Dairy Engineers
 - Saudi Arabia 5400 cows
 - Estonia 1600 cows
 - Finland
 - China
 - US dairies
- Thompson Litton Architects

Kentland



- Construction started summer/ late fall
- Initial move date was February 15
- Anticipated move date.





