

Some considerations in Danish systems...?

- **Better value from stubble and crop residues:** Nutrient addition?
- **Role of pastures:** what is their role?
- **Manures:** should they be augmented with stubble or nutrients?
- **Cover crops:** opportunity to manipulate C and nutrient input?
- **Municipal and other “wastes” and biochar:** what is the nutrient ratios?

C requirement to lift soil C (as wheat stubble)

Existing C %	0.5	1.0	1.5	2.0
Maintenance DM input (t/ha/yr)	1.6	3.2	4.8	6.4
<i>Extra to increase 0.5% over 10 yrs</i>	<i>3.2 (t/ha/yr)</i>			
Total Annual input required	4.8	6.4	8.0	9.6
New C %	1.0	1.5	2.0	2.5
New Maintenance DM input (t/ha/yr)	3.2	4.8	6.4	8.0

(And remember 1000 Kr worth of N, P, S for every t/ha of carbon)