

UNIVERSITY OF AMSTERDAM

Het Nederlandse landschap vóór de komst van de landbouw

The Dutch landscape before the advent of farming

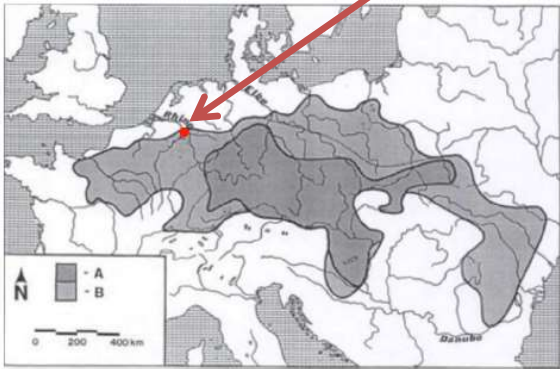
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Corne van Teulingen, Waas Thissen,
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 @palaeolim  www.ecologyofthepast.info

Advent of farming in Netherlands
c. 7500-7000 years ago

Study site




Sauber (2014)

Neolithic Linearbandkeramik (Bogucki, 2000)

Re-introduction processes



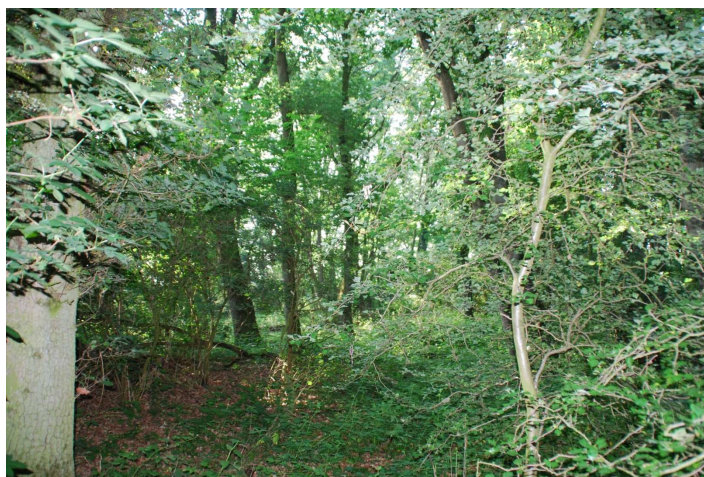
Brommerlerwaard
*Beleef het kloppende hart
 van Nederlands
 rivierenlandschap.*

Experience the beating heart of
 the Dutch river landscape.

<https://www.staatsbosbeheer.nl/natuurgebieden/bommelerwaard>

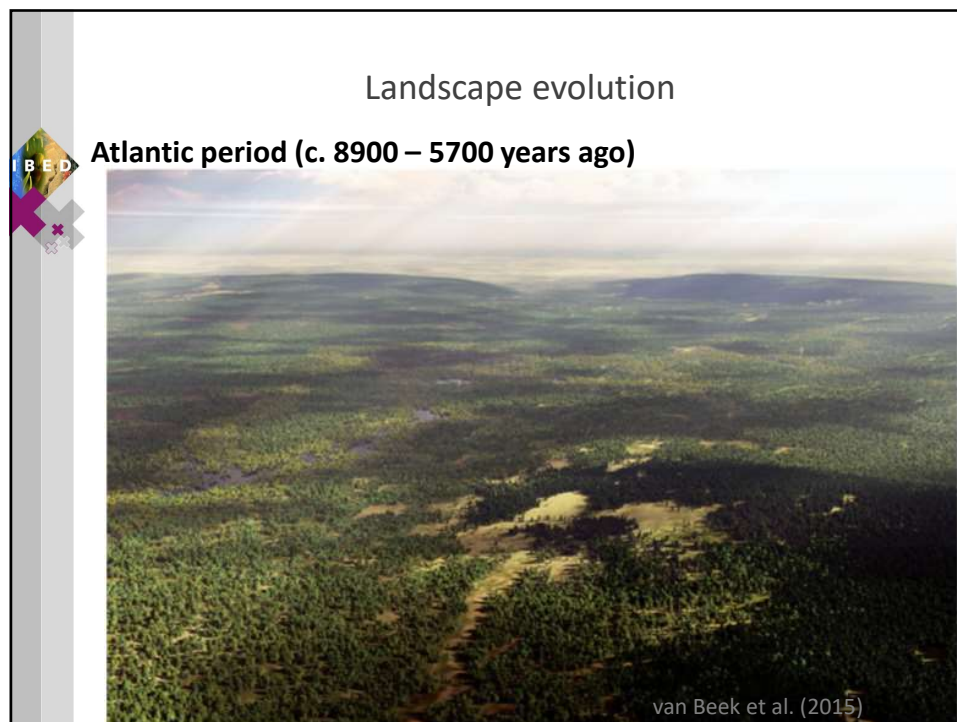
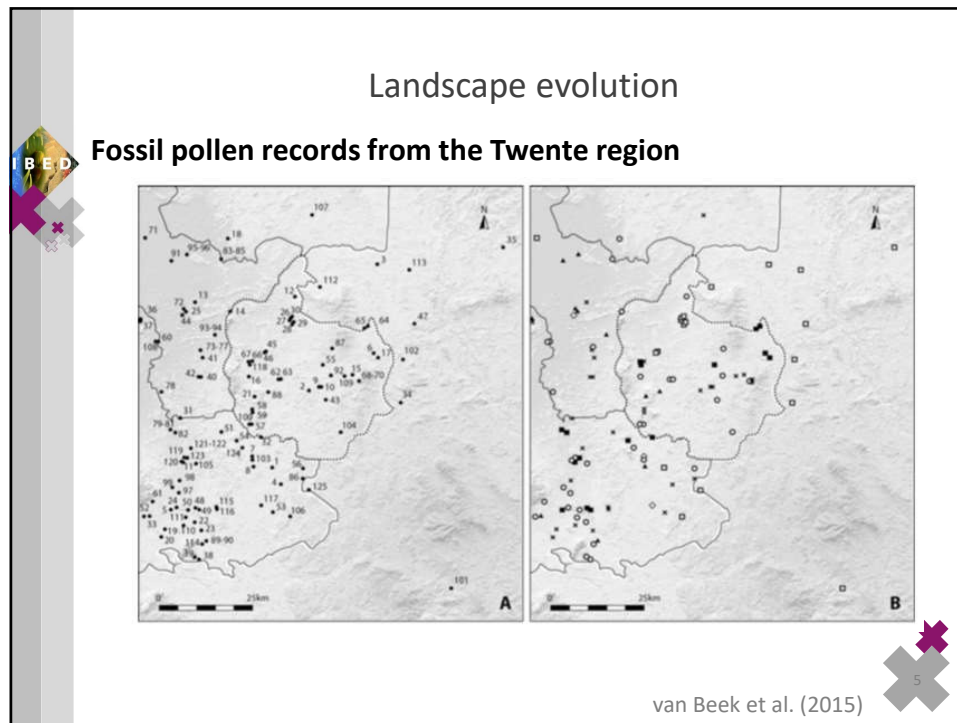


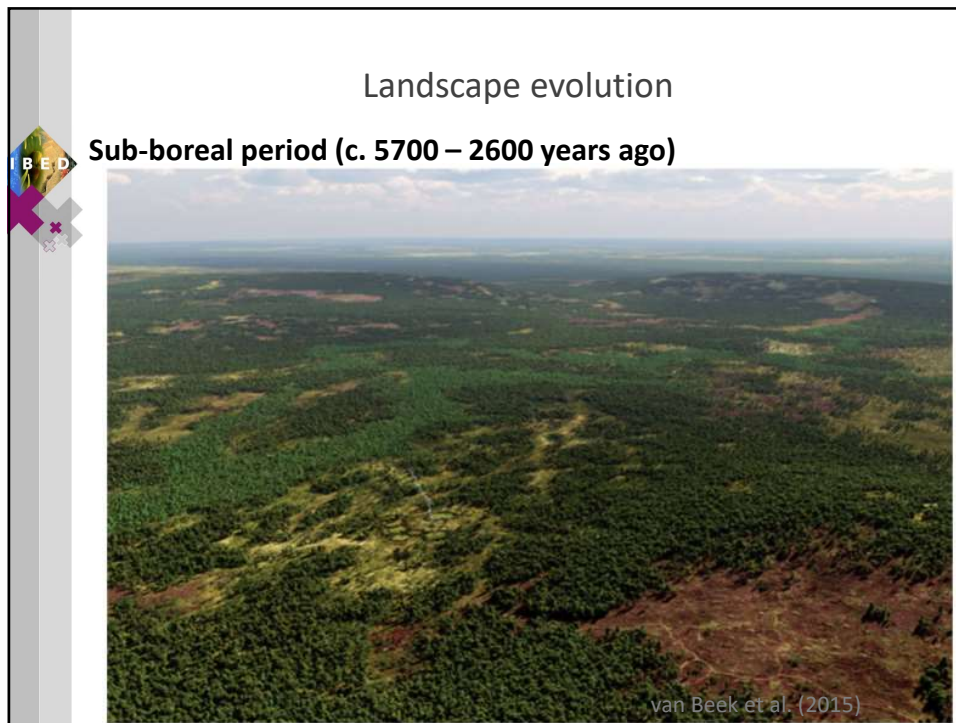
Classic view of the pre-farming landscape



Closed canopy woodland







Processes in the pre-farming landscape



Woodland pasture

Vera (2000); Sevink et al. (2018)

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Processes in the pre-farming landscape

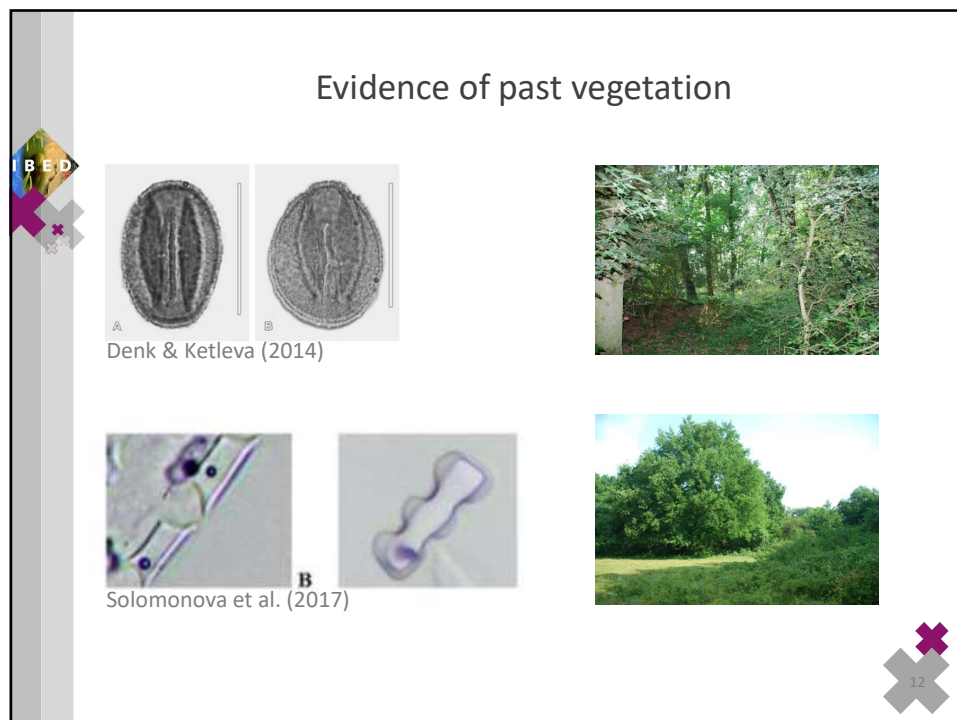
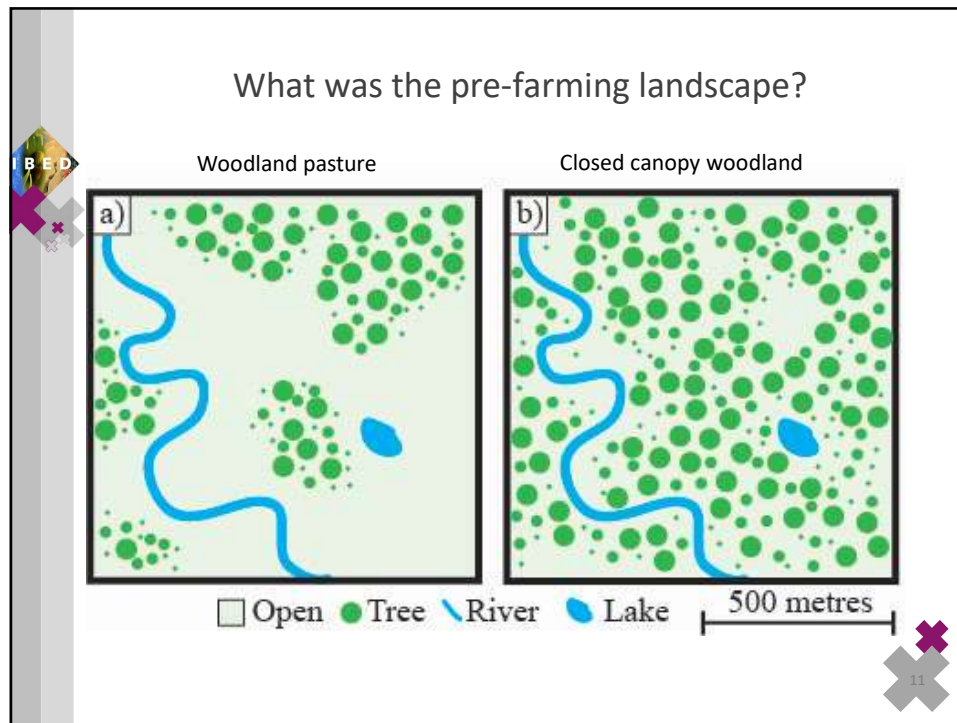


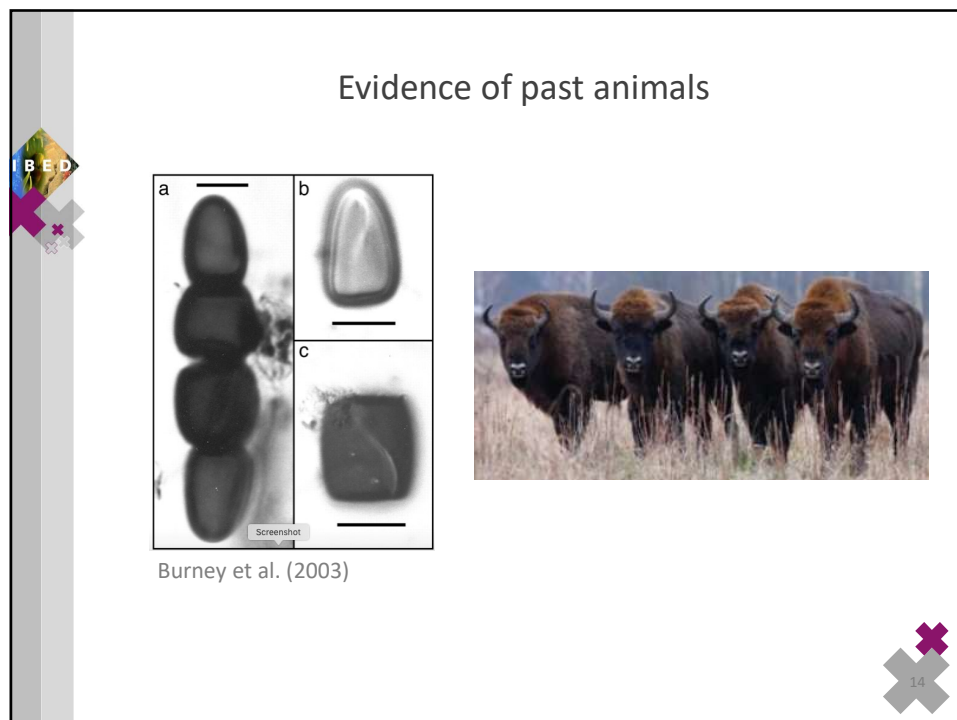
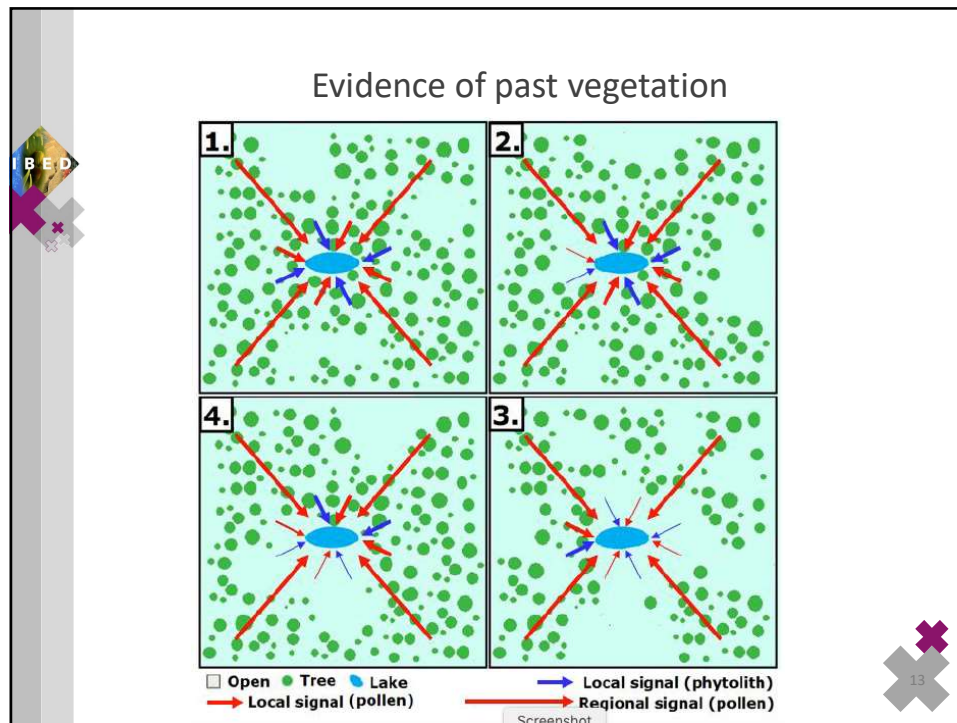



Woodland pasture

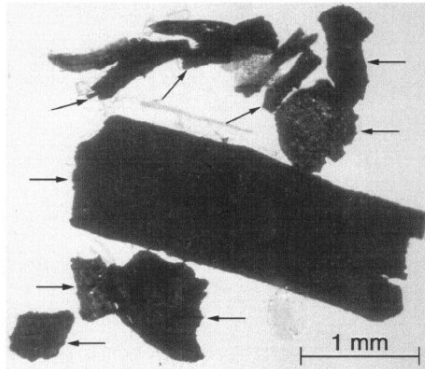
Vera (2000); Sevink et al. (2018)

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Evidence of past fire

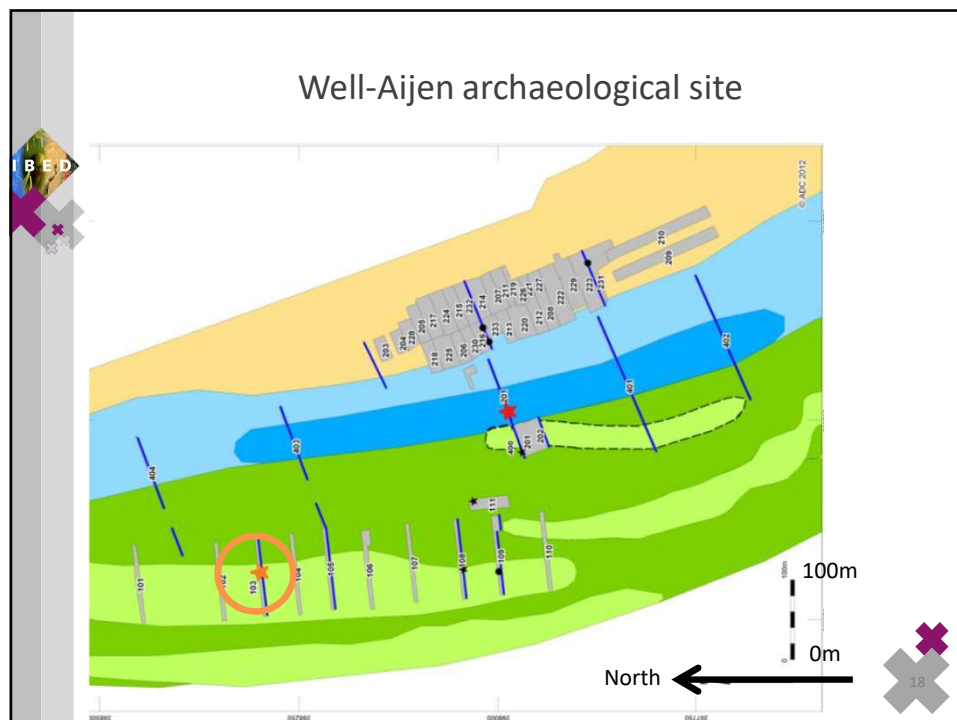
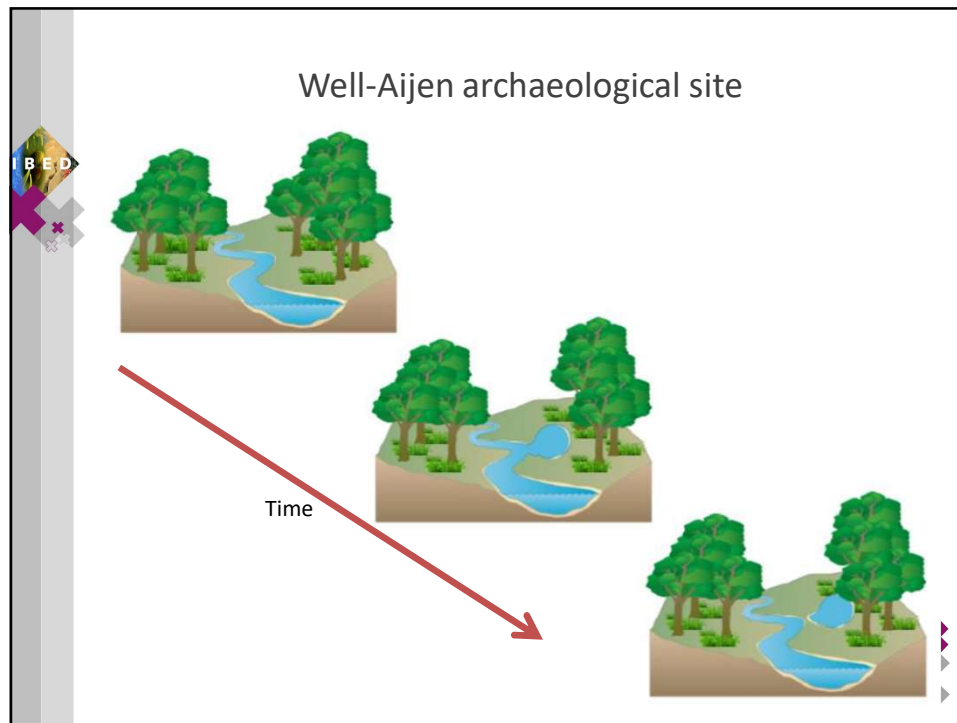


Whitlock & Larsen (2001)

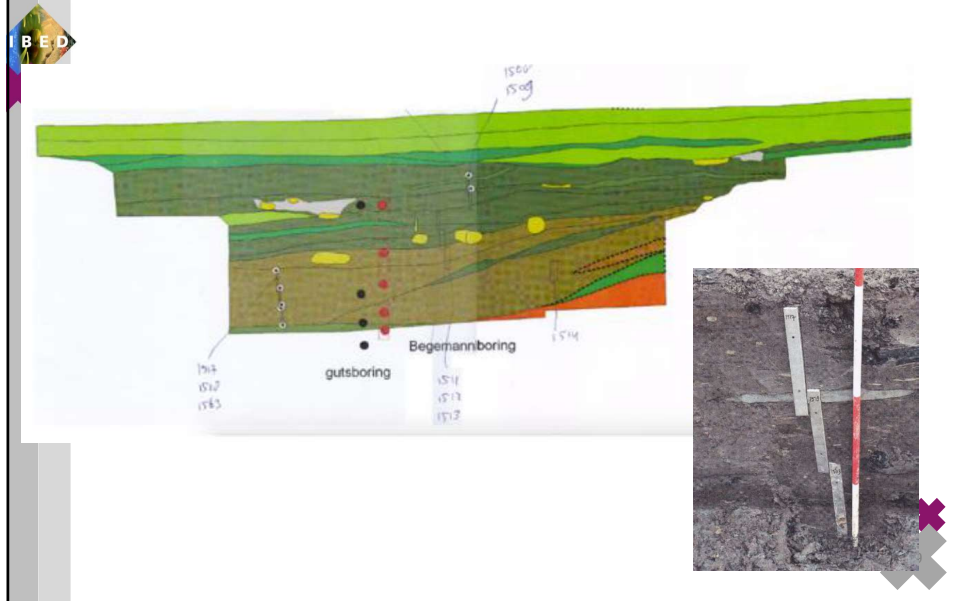


Well-Aijen archaeological site



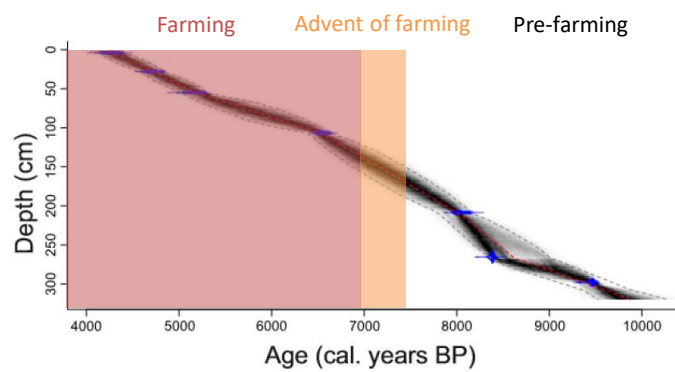


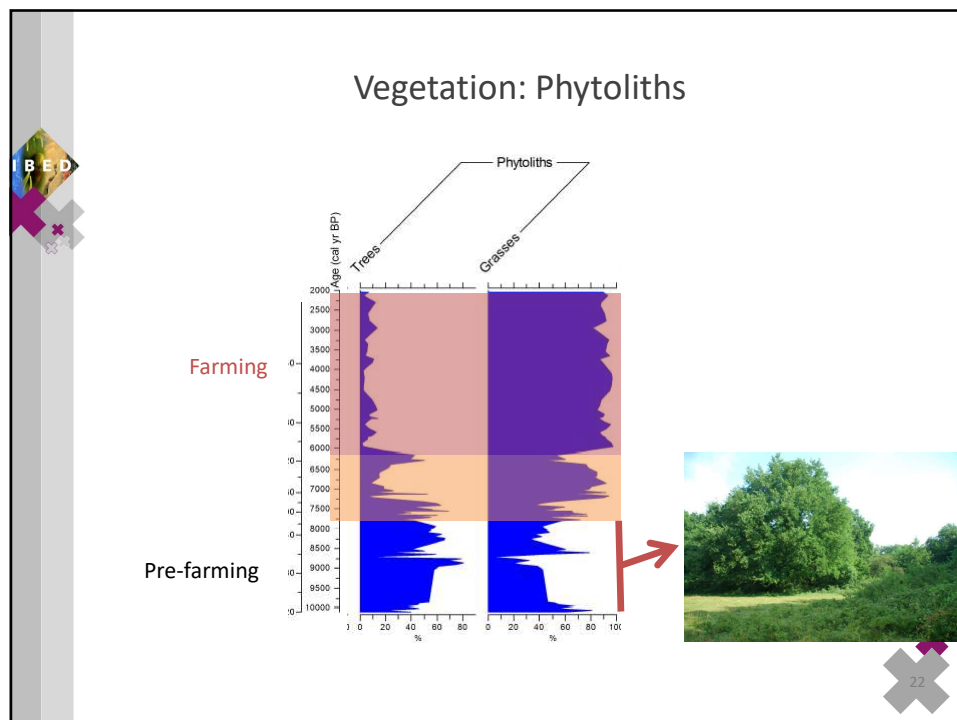
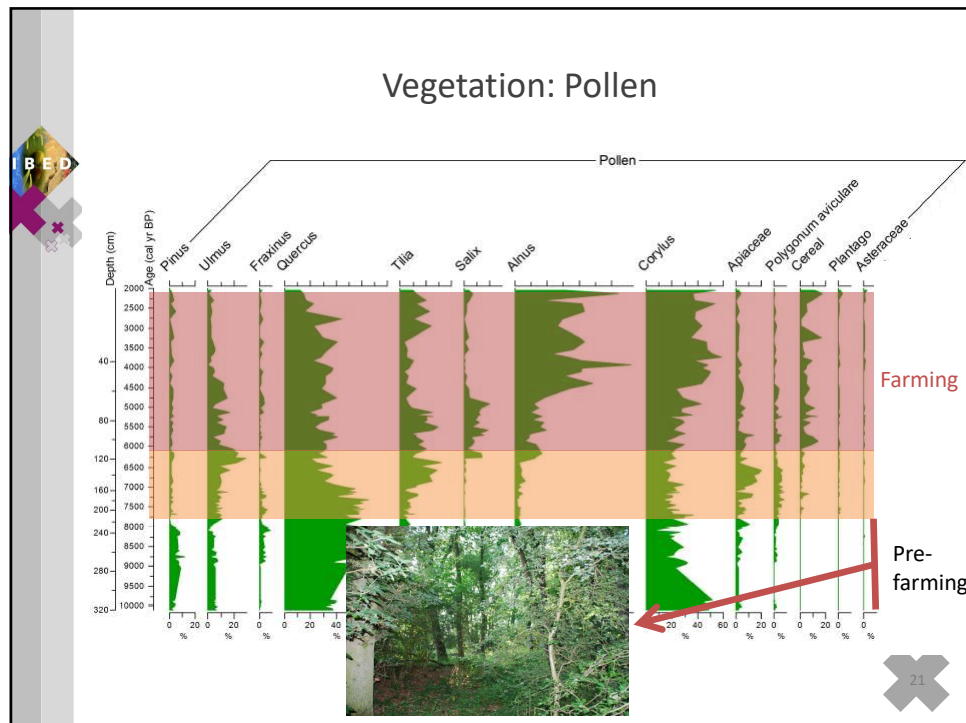
Well-Aijen archaeological site

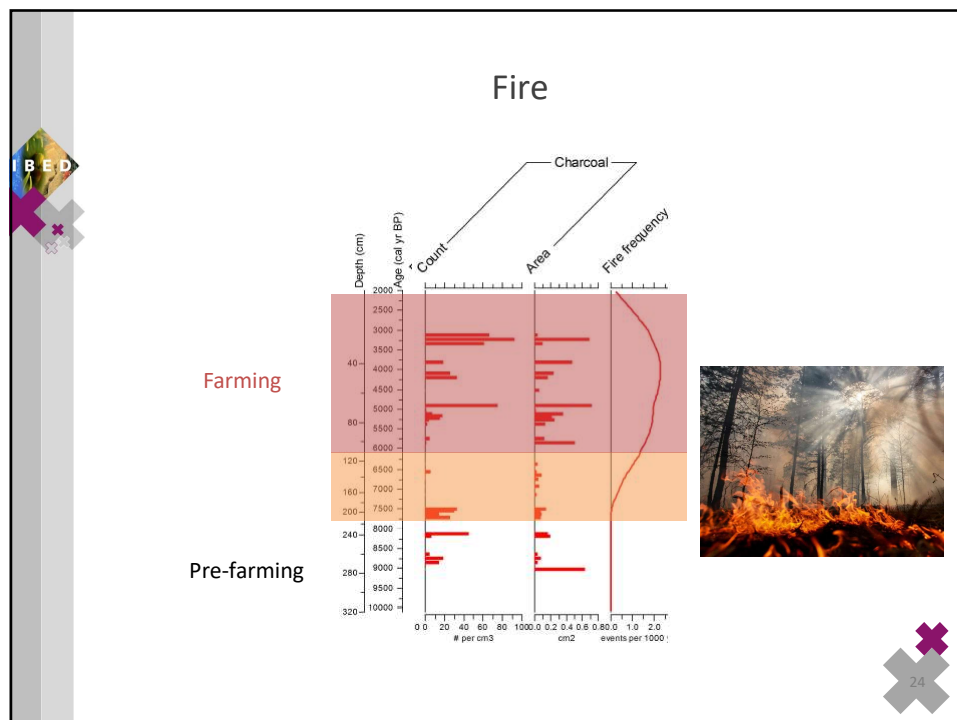
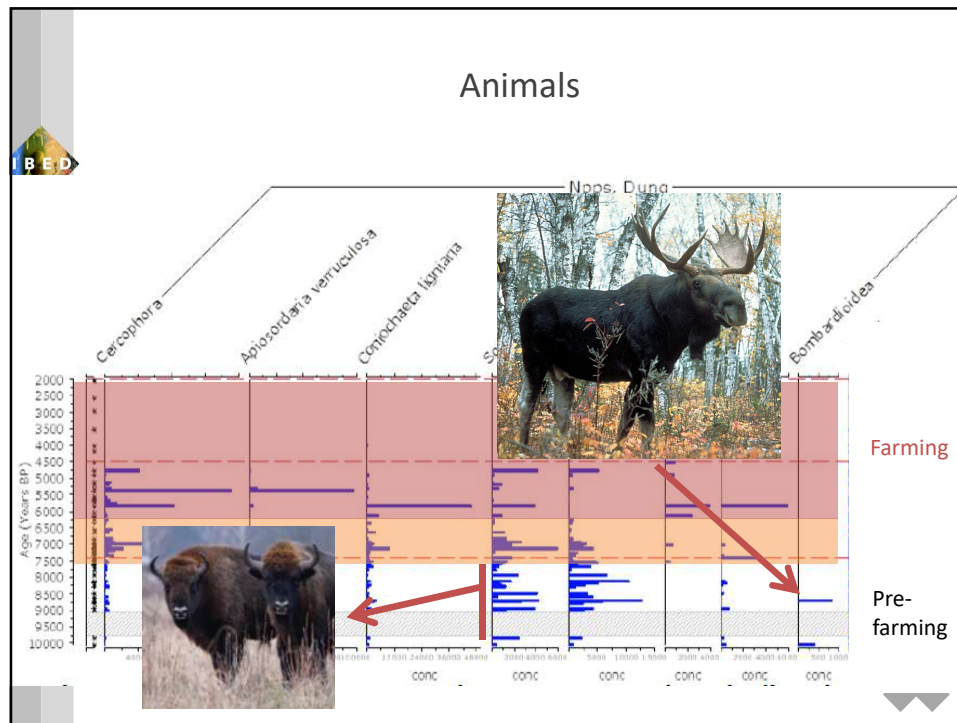


Chronological control

DirectAMS code	Submitter ID	Sample type	Fraction of modern		Radiocarbon age	
			pMC	1 σ error	BP	1 σ error
D-AMS 020588	WA 1	sediment	61.90	0.31	3853	40
D-AMS 020589	WA 2	sediment	59.41	0.27	4183	37
D-AMS 020590	WA 3	sediment	57.22	0.26	4485	37
D-AMS 020591	WA 4	sediment	48.89	0.20	5748	33
D-AMS 020592	WA 5	sediment	40.68	0.27	7225	53
D-AMS 020593	WA 6	sediment	38.98	0.16	7568	33
D-AMS 020594	WA 7	sediment	35.03	0.16	8426	37







The Dutch landscape before farming



Thank you

