

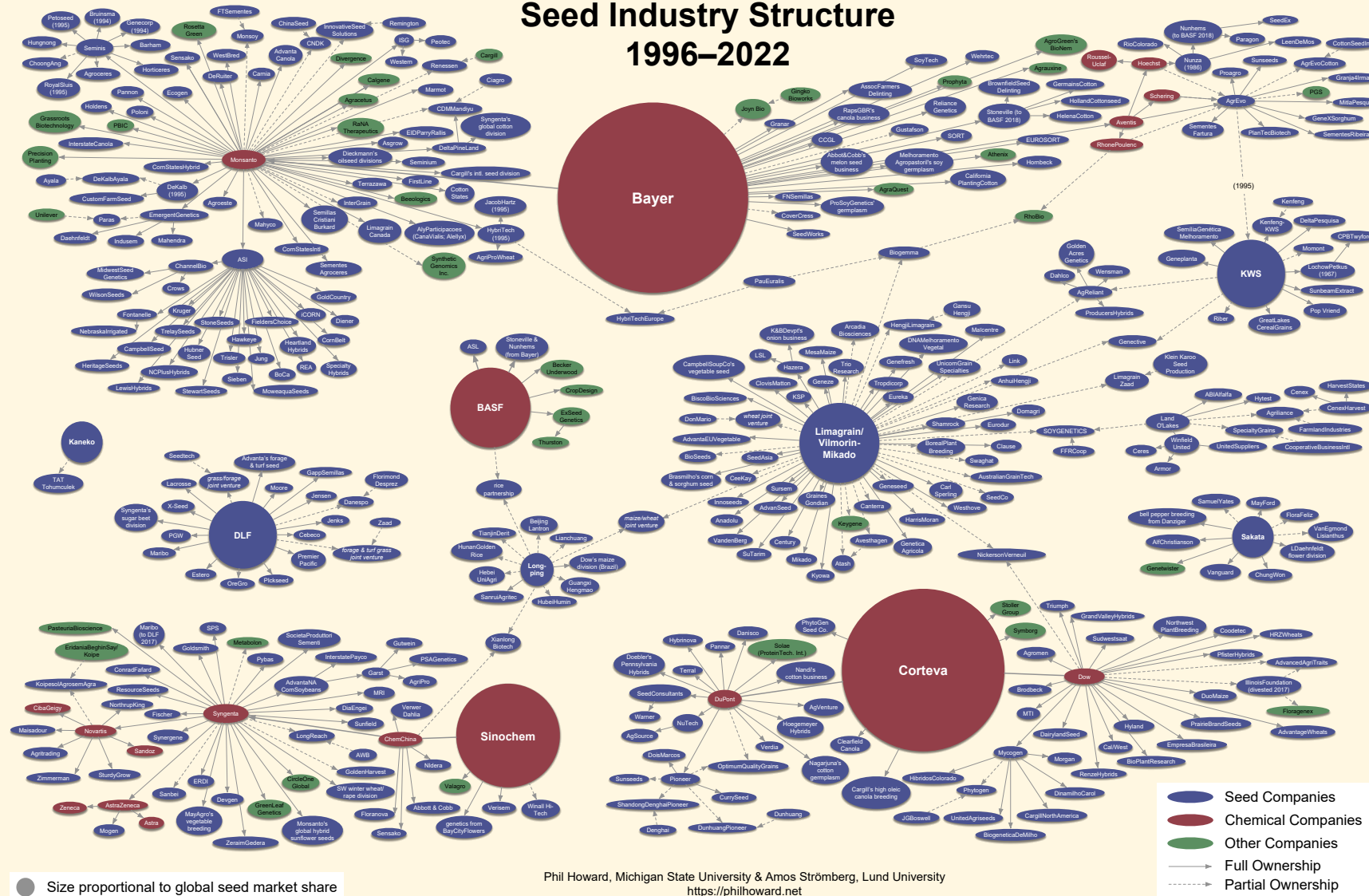
Breeding maize with PVP, patents and NGTs

Lets liberate diversity, 24th May 2026



Nordic Maize breeding
Breeding for diversity in agriculture

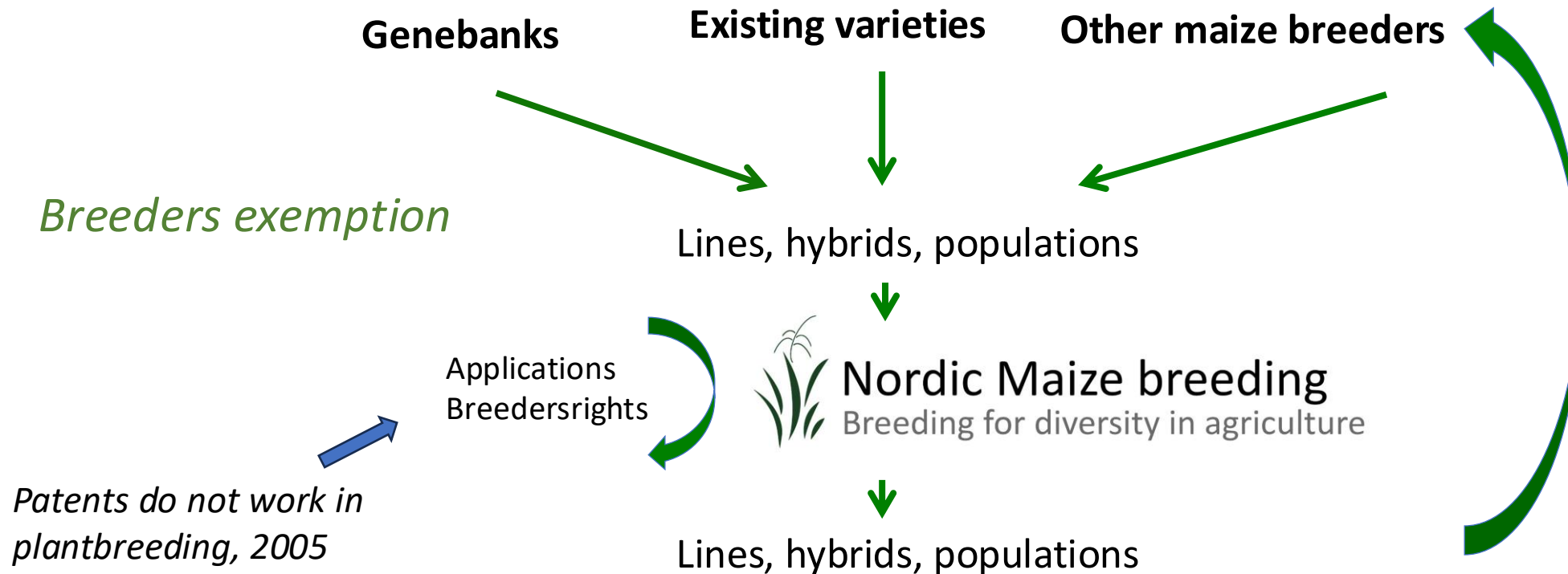
Seed Industry Structure 1996–2022



Nordic Maize breeding
Breeding for diversity in agriculture

Nordic Maize breeding

Small innovative, independent maize breeding company



Nordic Maize breeding
Breeding for diversity in agriculture

Small breeding companies and start-up breeders depend heavily on:

- Availability of free genetics
- Availability of (certified organic) land
- Testing of varieties under organic/low input circumstances
- Less complex procedures for registration varieties
- Less complex procedures for seed production



Rassenbulletin Ultravroege Snijmaïs 2017

DUS and VCU

Uniformity: populations
3 and 4 way hybrids

Value for cultivation and use,
based on existing varieties
→ more of the same varieties

RASSEONDERZOEK ULTRA VROEGE SNIJMAIS / KORTSEIZOEN KRACHTVOER MAIS (KKM) 2016 Gemiddelde resultaten over 2011 t/m 2016.																		
Ras**	Stengelrot resistentie Stevigheid Zomerlegering Green snap *** Eyespot snelheid grondbedekking						Plantlengte	Vroegheid bloei Drogestofgehalte in % **** Drogestofgehalte relatief			Waardering bij oogst				VEM/kgds	Drogestofopbrengst VEMopbrengst		Aantal jaren in onderzoek
											Zetmeelgehalte	Celwandgehalte	Celwandverteerbaarheid in %	suikergehalte				
Meerjarig onderzocht																		
NMB1101 - 12 (Roadrunner)	8	6	6	8.5	6.5	7.5	91	8.5	37.4	108	103	96	101	94	101	88	89	6
Emmerson - 10	6.5	8.5	9	8	7.5	7	99	8	36.3	105	104	100	100	86	100	95	95	2
Activate - 12	6.5	7.5	8.5	8	7.5	7.5	100	8	35.0	101	103	99	100	92	100	102	102	5
Ambition-10	8.5	8	9	7.5	8	7	106	7	33.3	96	95	104	98	108	98	105	103	5
Asgaard - 10	8.5	8.5	8.5	8	8	6.5	103	6.5	32.5	94	98	101	102	106	101	105	106	3
Meerjarig onderzocht (nog niet toegelaten)								40.5	117	99								
NMB1350 - 12	6.5	*	*	*	8	7.5	90.5	118	92	94	101	95	90	98	87	86	2	
X70H271(P7034)- 10	7.5	6.5	8	6	6.5	7	90.5	92	94	94	106	94	101	96	105	100	2	
X70H276 (P7051) - 10	7	7	7.5	6	7.5	8.5	30.5	88	81	81	116	92	129	94	117	109	2	



Regional breed varieties enables regional seed production

Seed productions as resting crop, in cooperation with farmers

Harvest of seed before the 1st of Oct



Nordic Maize breeding
Breeding for diversity in agriculture

Regional bred varieties enable crop rotations:

April	May	June	July	August	September	October
	Maize season					
	ultra-early maize				wintercereal/winterhardy peas	
grass/winterhardy peas		ultra-early maize				
	ultra-early maize				winter rapeseed	
spinach/lettuce		ultra-early maize				
	ultra-early maize				green manure	
early potatoes/wintercereal/bulbs			ultra-early maize			



Mixed crop winter cereal-pea

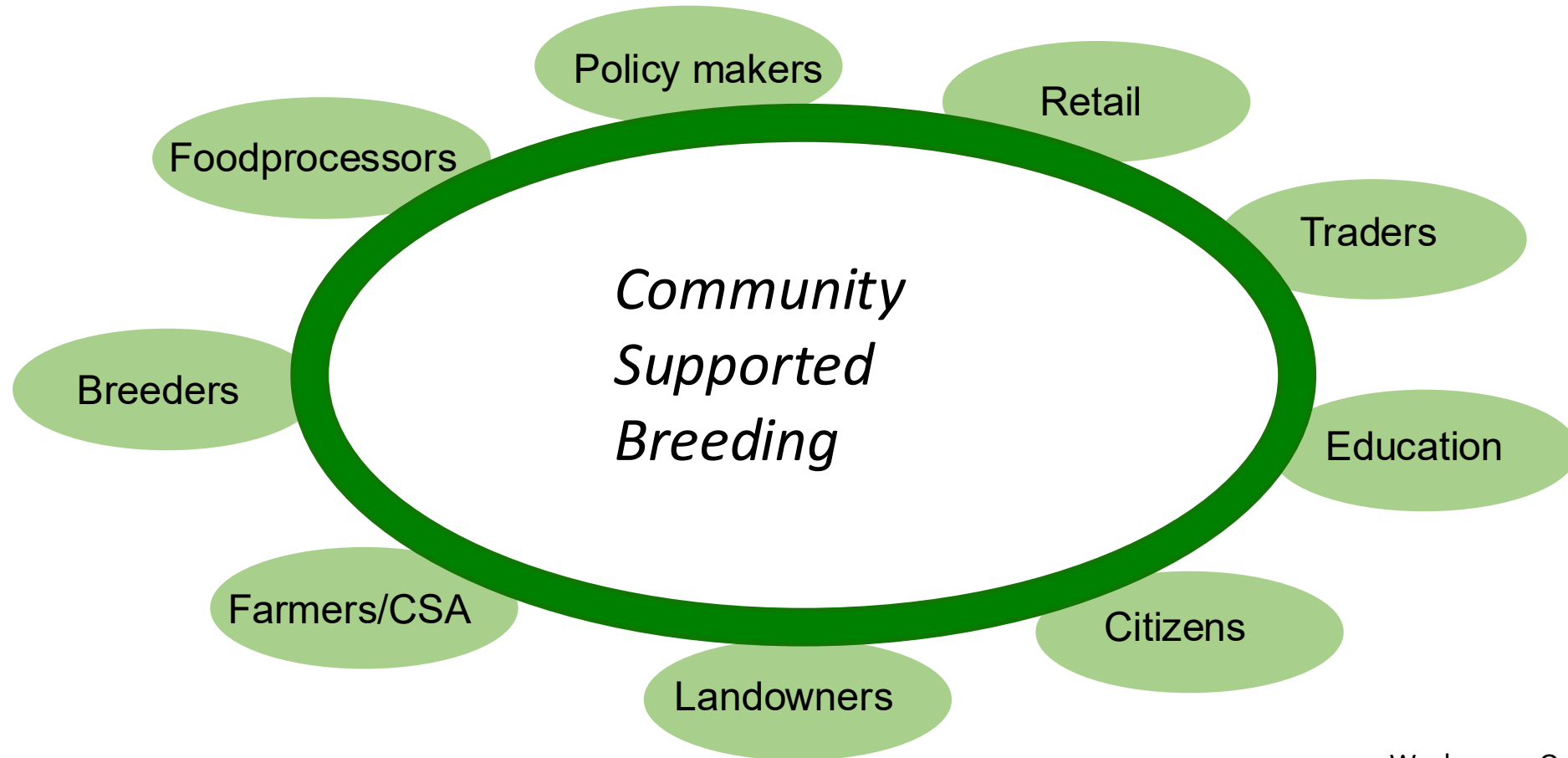


Winter rapeseed

NMB was the first and only breeding company that invested in organic VCU



Community Supported Agriculture needs:



Workgroup Odin/St.Zaadgoed



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Thank you for your attention



Are there any questions?

STOP MONOCROPPING

Another world is possible



DNA is nature owned

breeding is a humanright



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Breeding for diversity in agriculture