

NordGen migration to GRIN-Global

ECPGR GRIN-Global Workshop, Prague, 18-21/10

NordGen GENBIS

-GG hosted by NordGen (Azure)
nordic-baltic-genebanks.org

-multinational GRIN-Global
Nordic-Baltic countries

– 12 genebanks

– one entry point for users

GRIN-Global

Welcome!  Cart 
New User

Nordic Baltic Genebanks Information System (GENBIS)

Version: 2.2.0

Accessions Descriptors Reports GRIN Taxonomy ▾ GRIN ▾ Help Contact Us Your Profile ▾



Select the tab for the type of search. Each tab has everything you need to do to perform that type of search.

Return up to ▾

Simple Search List Search Advanced Search Results

 e.g., Malus domestica

Search

This search will show only accessions that have material that may be requested today.

NordGen experience

- 1) Evaluation of db. options
- 2) Planning
- 3) Mapping/data wash to migration
- 4) project close

1) Evaluation of db. options

-define our needs and check needs to available db.

GRIN-Global (www.grin-global.org)

- development team at USDA
- good repository of user manuals and videos
- CGIAR genebanks starting to use GG (growing community)
- little need for in-house development

2) planning

- Existing documentation
- other genebanks experiences
- budget and staffing
- in-house db. competence
(who can do what?)

Recommended GRIN-Global Procedures -
Startup & Ongoing



Revision Date
August 6, 2018

2) planning

TAXONOMY

- USDA taxonomy (decision: allow synonyms or not)
- check your taxonomy vs. USDA taxonomy
- if species are missing request additions: USDA taxonomist

Learn your current and GG db. table relationships etc

Old db. complex or simple -> allocate time and resources

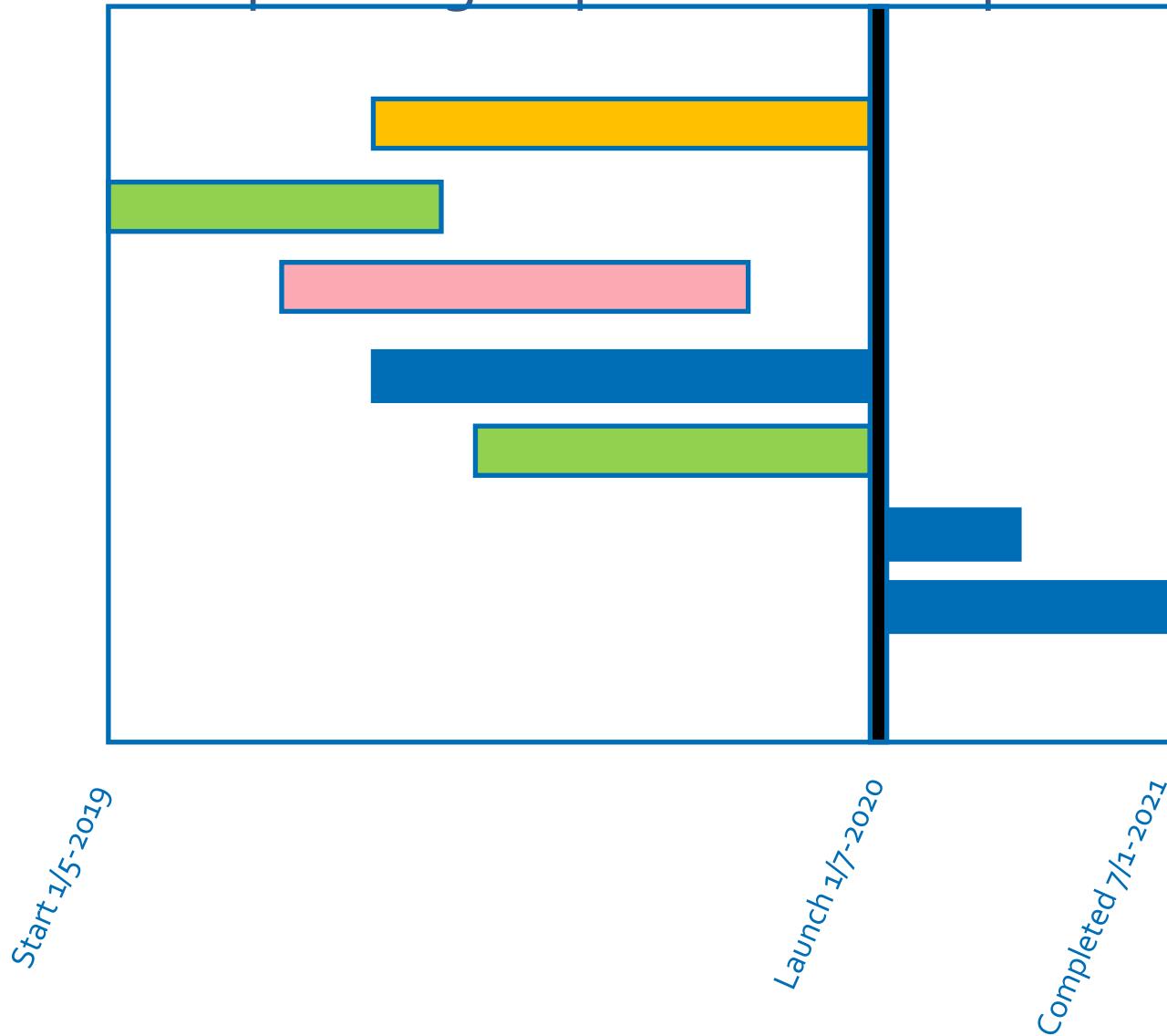
Consult with genebanks that have done migration

NordGen process: map -> scripts (views) -> GG tables -> insert to GG

2) planning

NordGen divided data to separate groups to allow for parallel mapping work

- Cooperator
- Accession part 1
- Inventory
- Orders
- Accession part 2
- Images / Citations
- Crop Trait



3) Mapping/data wash to migration

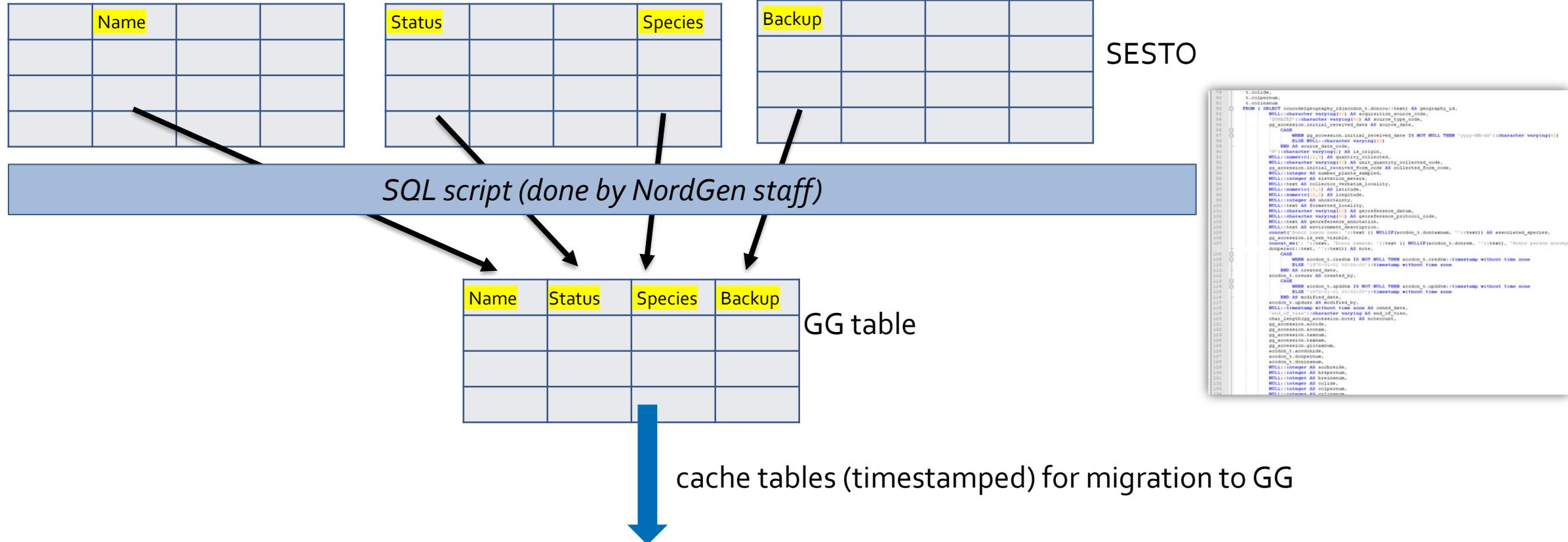
Learn all tables and their relationships in your db. and in GG
-www.grin-global.org

-make a plan

	May - Jun 2019	Jul - Sep 2019	Okt - Dec 2019	Jan - Mar 2020	Apr - Jun 2020	Jul - Sep 2020	Okt - Dec 2020
WP1. NordGen – Pre and post migration							
1.1 Project startup	M1						
1.2 Migration step 1: (taxonomy and MCPD passport data)		M3					
1.3 Migration step 2: (inventory and quality data)			M5				
1.4 Migration step 3: (Transactions and contacts data)				M6			
1.5 Web interface design				M8			
1.6 Training					M9		
1.7 Migration step 4: (Non-MCPD passport data)					M11		
1.8 Launch					M12		
1.9 Migration step 5: (Images and references)							
1.10 Migration step 6: (characterization and evaluation data)						M13	
1.11 Establishment of Standard Operating Procedures							M14
							M15
WP2. Nordic - Baltic national gene bank collaboration							
2.1 Project startup	M1						
2.2 Migration step 1: (taxonomy and MCPD passport data)		M3					
2.3 Migration step 2: (inventory and quality data)			M5				
2.4 Migration step 3: (Transactions and contacts data)				M6			
2.5 Web interface design				M8			
2.6 Training					M9		
2.7 Migration step 4: (Non-MCPD passport data)					M11		
2.8 Launch					M12		
2.9 Migration step 5: (Images and references)							
2.10 Migration step 6: (characterization and evaluation data)						M13	
2.11 Establishment of Standard Operating Procedures							M14
							M15
WP3. IT Technical Migration and developments							
3.1 Project startup	M1						
3.3 GRIN-Global installations	M2						
3.4 Software developments			M4				
3.5 Migration and validation of taxonomy and MCPD passport data				M10			
3.6 Migration and validation of inventory and quality data			M5				
3.7 Migration and validation of transactions and contacts data				M6			
3.8 Migration and validation of Non-MCPD passport data					M11		
3.9 Web interface development					M8		
3.10 Launch					M12		
3.11 Migration and validation of Images and references							
3.12 Migration and validation of characterization and evaluation data							
3.13 Establishment of Standard Operating Procedures						M13	
3.14 Validation of GRIN-Nordic-Baltic db.							M14
							M15
							M16

3) Mapping/data wash to migration

NordGen process: map -> script (views = GG table) -> insert to GG



4) Project close

Period: April 2019 – Jan 2021

Hours (NordGen): ten thousand

10.000 lines of SQL code (~ 350 A4 pages)

Total cost: 10.7 million SEK
(Euro 972 thousand)

Konto	Utfall	%
Projekt: 928004 Grin Global - Steg 1		
Rörelsens inkomster/intäkter		
3981 Projektanslag NMR	4 236 655,00	99,8
3990 Övriga ersättningar och intäkt	8 264,82	0,2
Summa Inkomster/intäkter	4 244 919,82	100,0
Rörelsens Totala Kostnader		
Rörelsens kostnader		
Ordinarie kostnader		
4600 Övriga konsulttjänster	-3 955 455,37	-93,2
4610 Resekostnader övriga	-27 282,43	-0,6
4611 Konferens/seminarier/workshops	-14 800,00	-0,3
Summa Ordinarie kostnader	-3 997 537,80	-94,2
Övriga externa rörelsekostn.		
5410 Inköp av möbler och utrustning	-4 789,30	-0,1
5420 Programvaror	-3 614,17	-0,1
5800 Resekostnader personal	-11 004,94	-0,3
5930 Tryckningskostnader	-1 738,00	0,0
6071 Representation Extern	-23 377,72	-0,6
6240 Server Cloud	-30 793,56	-0,7
6970 Tidskrifter, facklitteratur	-1 114,00	0,0
Summa Övriga rörelsekostnader	-76 431,69	-1,8
Kostnader personal		
7321 Traktamente Inrikes - skattefr	-625,00	0,0
7322 Traktamenten Inrikes - skattep	-406,00	0,0
7323 Traktamenten Utland - skattefr	-562,95	0,0
7324 Traktamente Utland - skattepli	-1 981,20	0,0
7331 Bilersättning - skattefr	-199,80	0,0
7332 Bilersättning - skattepliktig	-129,60	0,0
7510 Arbetsgivaravgifter SV	-790,78	0,0
7610 Personalutbildning	-202 863,00	-4,8
7630 Personalrepresentation	-979,00	0,0
7690 Övriga personalkostnader	-950,00	0,0
Personalkostnader	-209 487,33	-4,9
Rörelsens kostnader	-4 283 456,82	-100,9
Intern konton		
9010 Ombokn till projekt - lönekost	-6 393 562,07	-150,6
9910 Ombokn - lönekostnader avstämnn	0,00	0,0
Intern konton	-6 393 562,07	-150,6
Rörelsens Totala Kostnader	-10 677 018,89	-251,5
Rörelseresultat	-6 432 099,07	-151,5

4) Project close

Train staff at the earliest weeks before launch
or two - four weeks aside after launch for focuses training and workflow development

Launch in an “easy” period (low volume of db. work)

It will never be perfect (law of diminishing returns)

