



E-vote 2011

Use case specification: 3.2 Manual registration of p-vote results

Project: E-vote 2011





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Feil! Bokmerke er ikke definert.



1. Executive Summary

The election system must facilitate the entry and approval of p-vote results. The Polling Committee, Electoral Committee, and County Electoral Committee must be able at various stages to enter:

1. Advance results:
 - a. Preliminary results (Party totals)
 - b. Final results (Party and candidate totals)
2. Election day results:
 - a. Preliminary results (Party totals)
 - b. Final results (Party and candidate totals)

2. Purpose

The purpose of this use case is to:

1. Capture p-vote totals for reporting to SSB and media
2. Capture data for the election protocol
3. Provide control of preliminary votes against final votes

3. Actors

Actor	Description
PC	Polling Committee
EC	Electoral Committee
ES	The Election System
CEC	County Electoral Committee

4. Pre-Conditions

ID	Description	Comments
3.2.1	The PC/EC/CEC has received and counted:	



	<ol style="list-style-type: none">1. Advance results:<ol style="list-style-type: none">a. Preliminary results (Party/group totals)b. Final results (Party/group and candidate totals)2. Election day results:<ol style="list-style-type: none">a. Preliminary results (Party/group totals)b. Final results (Party/group and candidate totals)	
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5. Post-Conditions

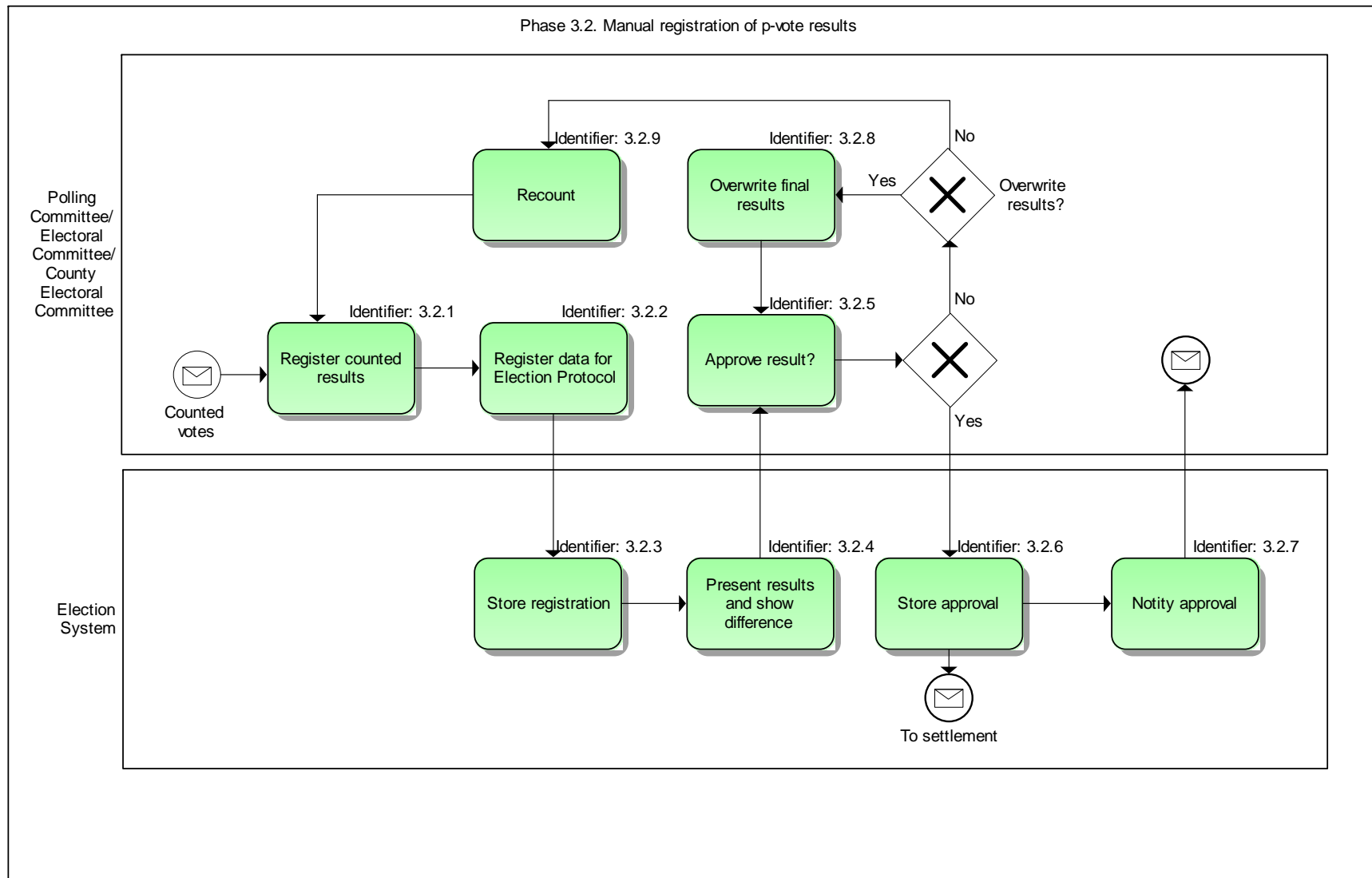
ID	Description	Comments
3.2.2	The results from p-votes are stored in the system	This use case forms the basis for use case 4.2 'Settlement' and 4.1 'Reporting of results to SSB'.
3.2.3	The Election protocol is updated	

6. Trigger

The need for registering counted results in the system.



7. Main Flow - Functional Requirements



**7.1. Detailed flow – functional requirements**

ID	Actor	Function (Requirement)	Requirement description	Ref
F 3.2.1	PC /EC/CEC	Register counted results	<p>The Polling Committee Electoral Committee and County Electoral Committee must be able at various stages to enter:</p> <ol style="list-style-type: none"> 1. Advance results <ol style="list-style-type: none"> a. Preliminary results (Party totals) - §10-5 b. Final results (Party and candidate totals) - §10-6 2. Election day results <ol style="list-style-type: none"> a. Preliminary results (Party totals) - §10-5 b. Final results (Party and candidate totals) - §10-6 <p>It must be possible to import the results in various formats (csv, xls, etc.). These formats will be defined at a later stage.</p> <p>The County Electoral Committee is only involved in this step for the County Council Election and Parliament Election.</p>	
F 3.2.2	PC/EC	Register data for election protocol	<p>The Electoral Committee, Polling Committee and County Electoral Committee must be able to register data for the election protocol (§10-7). This data will be defined at a later stage, however may include:</p> <ol style="list-style-type: none"> 1. Number of questionable ballots (that do not meet the requirements of §10-3) 2. Number of votes received in a cover envelope 3. Etc. 	
F 3.2.3	ES	Store registration	Election results and data for the Electoral Protocol are stored in the system.	
F 3.2.4	ES	Present results and show difference	The system shall present preliminary and final results for the various levels depending on election and show differences between those results.	
F 3.2.5	PC/EC	Approve result?	Authorized election members must be able to approve the results.	A1, A2
F 3.2.6	ES	Store approval	The approval is stored in the system	
F 3.2.7	ES	Notify approval	The system shall notify relevant Committees regarding the approval of results.	

**7.2. Alternate flow 1 – Overwrite results (A1)**

ID	Actor	Function (Requirement)	Requirement description
F 3.2.8	EC/CEC	Overwrite final results	The relevant Committee must be able to overwrite the results if there is a difference between the preliminary and final results.

7.3. Alternate flow 2 – Recount (A2)

ID	Actor	Function (Requirement)	Requirement description
F 3.2.9	PC/EC	Recount	The relevant Committee must perform a recount.

8. Non-Functional Requirements**8.1. Accessibility and usability**

ID	Requirement description	Ref
3.2.4	See 'Accessibility and usability requirements'	8.1

8.2. Security

ID	Requirement description	Ref

8.3. Rules & regulations

ID	Requirement description	Ref
3.2.6	This use case refers to regulations described in the Representation of the People Act (the Election Act) chapter 10. http://www.regjeringen.no/upload/KRD/Kampanjer/valgportal/Regelverk/Representation_of_the_People_Act170609.pdf	



3.2.7	This use case refers to regulations relating to parliamentary and local government elections (Representation of the People Regulations) http://www.regjeringen.no/upload/KRD/Kampanjer/valgportal/Regelverk/Regulations_2003_EN_170609.pdf	
3.2.8	This use case also refer to the Council of Europe e-vote Recommendation Rec(2004) 11 . http://www.coe.int/t/dgap/democracy/activities/GGIS/E-voting/Key_Documents/Rec(2004)11_Eng_Evoting_and_Expl_Memo_en.pdf	