

%title: New Information System for OSGeo Elections %author: LuÃ-s Moreira de Sousa %date:
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-> A new Electoral Information System <-

State Of The Art

OSGeo elections are currently run on three essential assets:

1. An extensive spreadsheet with complex formulas
 - records nominations
 - generates e-mails
 - generates Wiki content
2. An election guide (formatted document)
3. A members data-base

The issues

- There is no versioning, nor concurrency control
- Replication
 - over-burden to CRO(s)
- Spreadsheet formulas are too complex to maintain
 - many no longer function
- A complete *vade mecum* does not yet exist
 - mistakes and misunderstandings

- Data-base privately maintained
 - **Bus-factor = 1**
- Major hurdles for someone new to become CRO

A new approach

- **Information system** based on a RAD solution (e.g. *Django*)
 - replaces existing spreadsheet(s)
 - evolves from existing data-base
 - clear and accessible output automation
 - in version control
 - including data-base migrations
- Text-based *vade mecum*
 - in versioning control
 - independent of software or formatting

What we need

- A **code repository** hosting:
 - source of the new system
 - source and rendering for the *vade mecum*
- **Hosting** for:
 - data-base
 - web application
 - only used by CRO(s): two to three people
 - in the militarised zone
- Back-up
 - whatever is easiest/cheaper

Thank you!