Universidad
Rey Juan Carlos

Master's in Free Software

Academic year 2013/2014

Final Project

Migrations to Free and Open Source Software

Motivations, Planning and Case Studies

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Goals:

To explore the migration from proprietary software (CSS) to Free and Open source software (FLOSS).
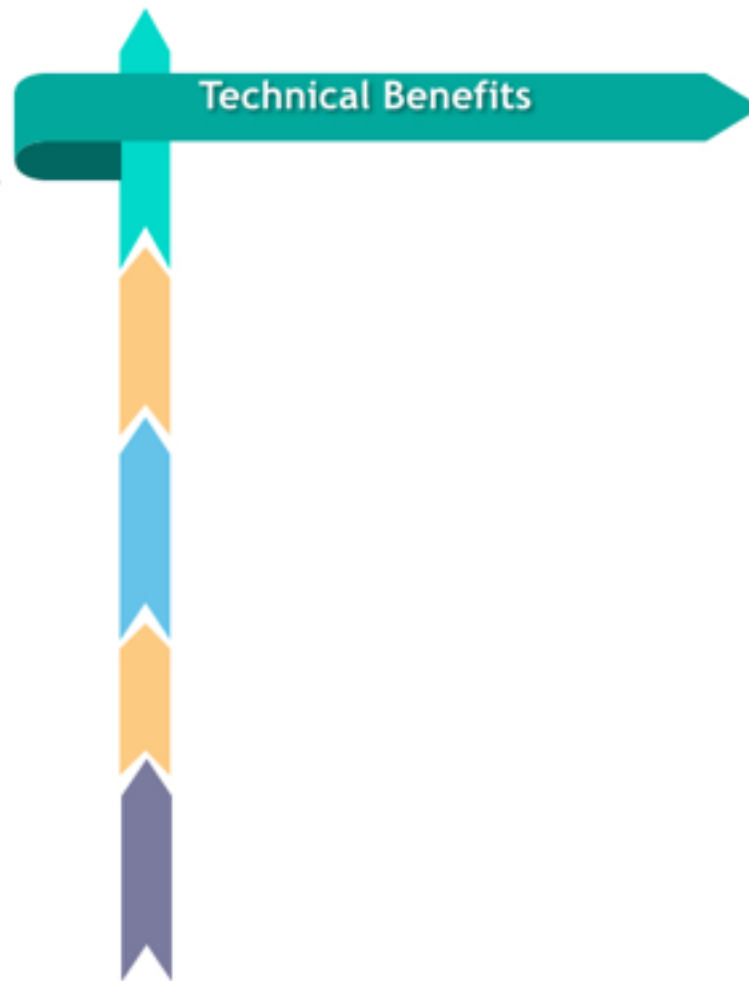
Objectives

- **Discover the main reasons why individuals and organizations, are attracted to FLOSS by examine the technical, economic, and social benefits of FLOSS.**

- **Determine the best method for migrations. Develop a plan for successful migrations.**

- **Determine obstacles in the migrations process.**

- **Explore case studies.**

Outline:

- Introduction.

- Goals and Objective.

- Motivation for using FLOSS.

- Migration plan.

- Obstacles.

- Case of study.

- Conclusion.

Motivation for using FLOSS

- **Reliability.**
- **Auditability.**
- **Stability.**
- **Security.**
- **Flexibility and Freedom.**
- **Allows Localization.**

Technical Benefits

- **Reliability.**
- **Auditability.**
- **Stability.**
- **Security.**
- **Flexibility and Freedom.**
- **Allows Localization.**

Technical Benefits

- **Cost**
- **Encourages innovation**

Economic Benefits

- **Reliability.**
- **Auditability.**
- **Stability.**
- **Security.**
- **Flexibility and Freedom.**
- **Allows Localization.**

Technical Benefits

- **Cost**
- **Encourages innovation**

Economic Benefits

Social Benefits

- **Public collaboration**

MOTIVATIONS FOR USING OPEN SOURCE
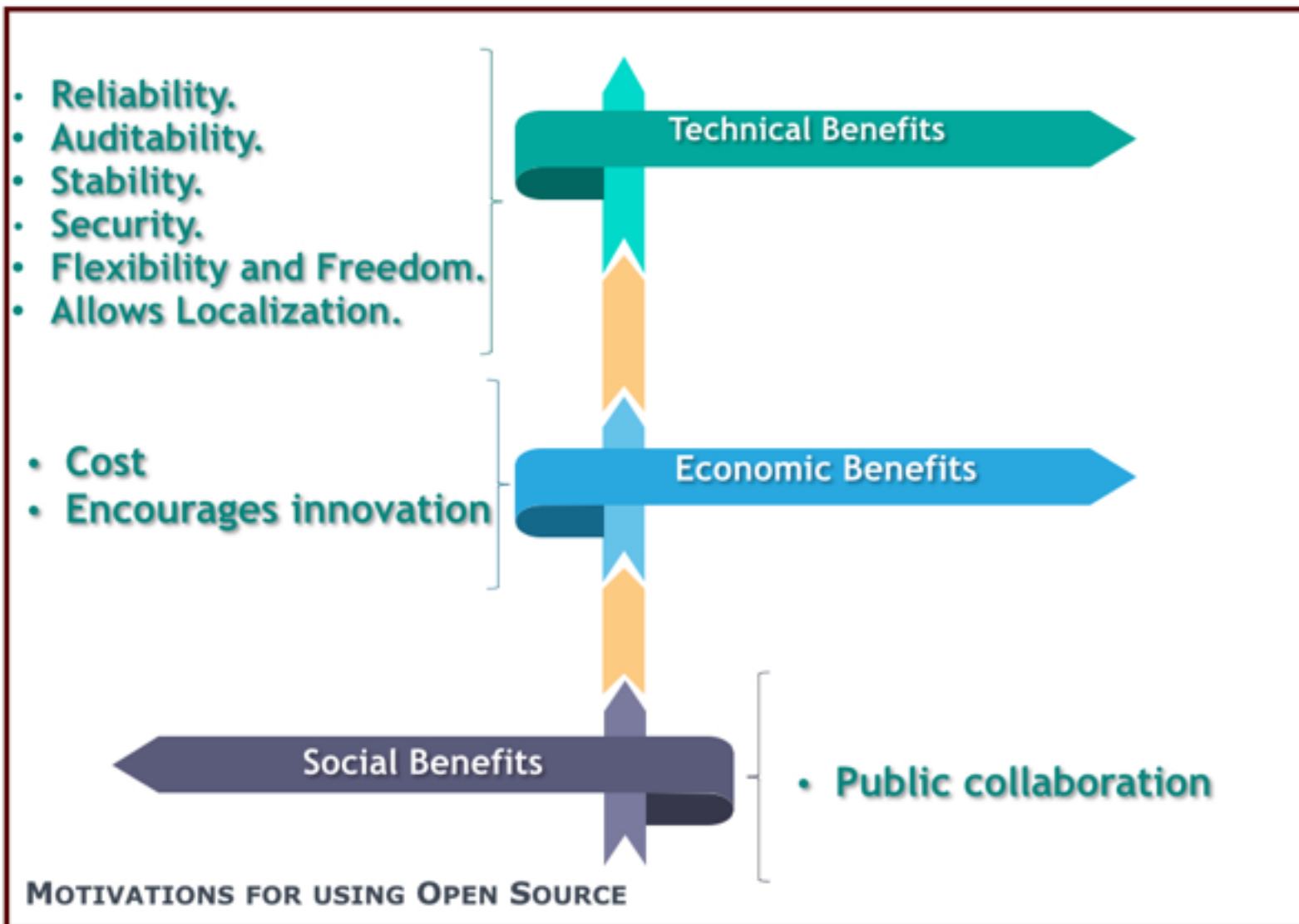
Migration plan

Migration Plan

FLOSS

Second Phase:Migration:

First phase:Pre-migration:

A. Organizational Readiness

- **Gathering information**
- **Awareness raising**
- **Training**

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- Data migration
- Migration Apps in non FLOSS OS
- OS migration

①

CSS

Migration Plan

Third Phase:
Migration Implementation and Maintenance

- Supporting.
- Evaluation.

FLOSS

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FIRST PHASE: PRE-MIGRATION:

A. ORGANIZATIONAL READINESS

- GATHERING INFORMATION
- AWARENESS RAISING
- TRAINING

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SECOND PHASE: MIGRATI

- DATA MIGRATION
- MIGRATION APPLICATI
  NON OPEN SOURCE OS
- OS MIGRATION

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CSS

Migration Plan

FLOSS

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THIRD PHASE: MIGRATION IMPLEMENTATION AND MAINTENANCE
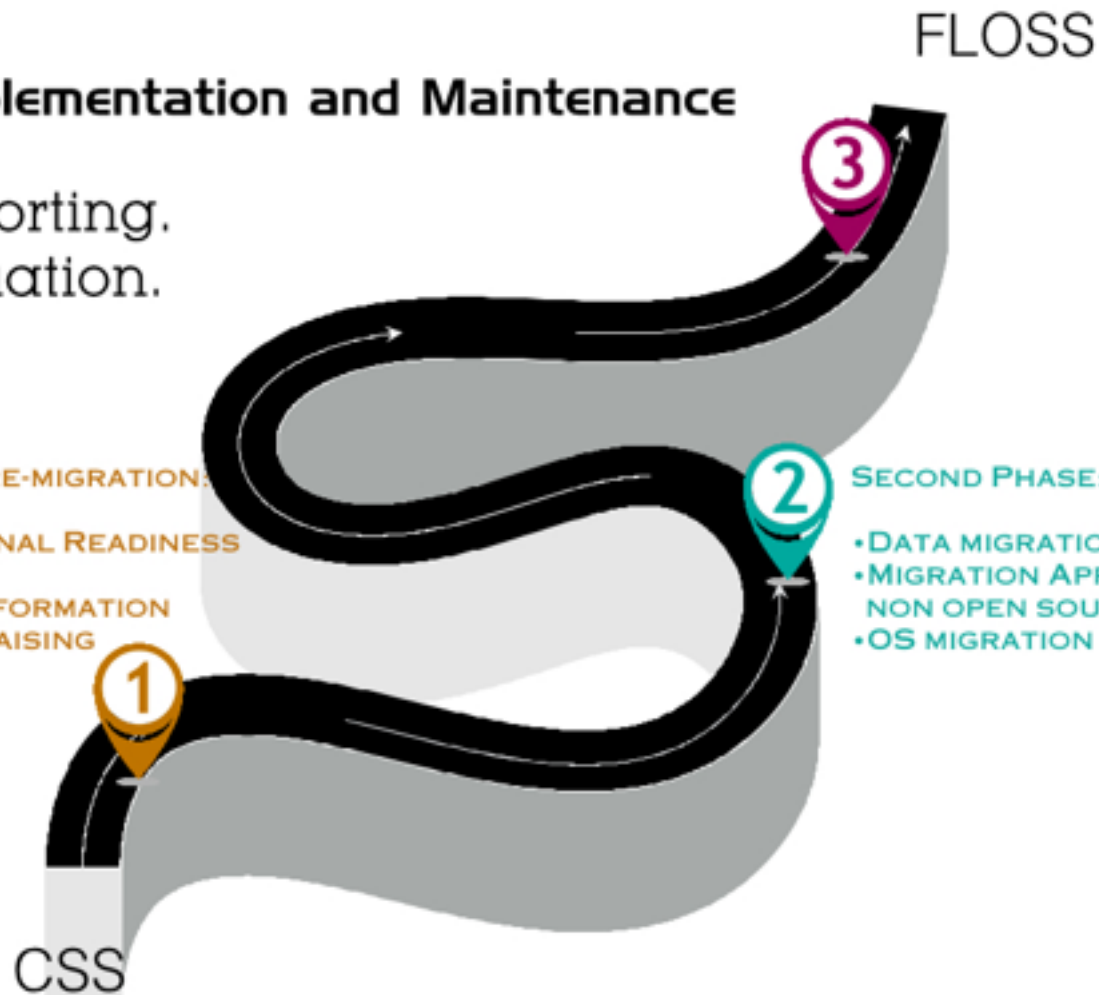
- SUPPORTING.
- EVALUATION.

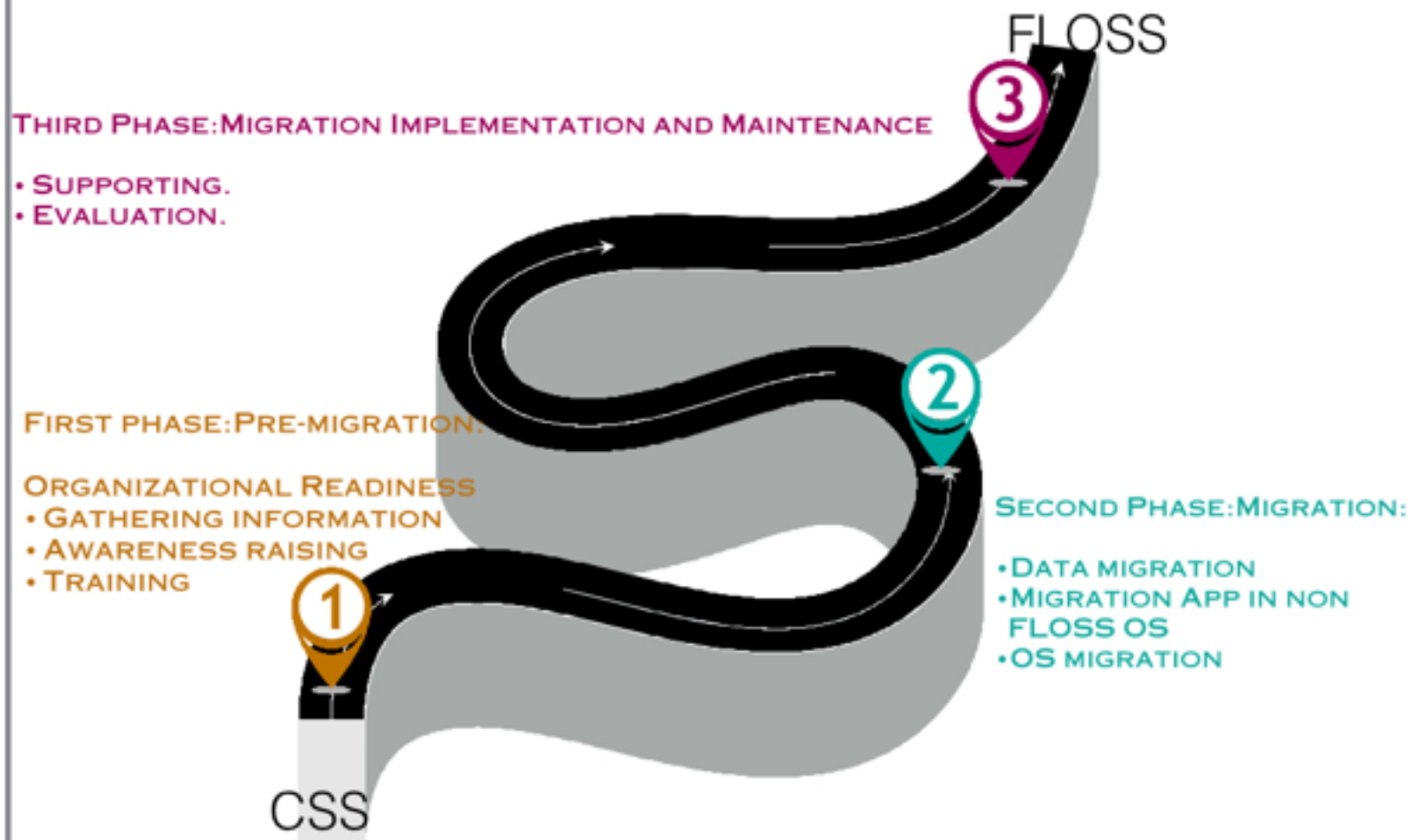**②**

FIRST PHASE: PRE-MIGRATION:

ORGANIZATIONAL READINESS
- GATHERING INFORMATION
- AWARENESS RAISING
- TRAINING

SECOND PHASE: MIGRATION:

- DATA MIGRATION
- MIGRATION APP IN NON FLOSS OS
- OS MIGRATION

①

CSS

Obstacles that face migration

TECHNICAL ISSUES

COMPATIBILITY

SUPPORT AND TRAINING

TRUE COST OF OPEN SOURCE

LACK OF KNOWLEDGE OF IMPLEMENTATION AND MAINTENANCE

OBSTACLES THAT FACE MIGRATION

Next Steps

- Future work .

- Lessons learned.

THANK YOU
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