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PRODUCT BACKGROUND

- GiTaT is an autonomous based tool that supports the assessment of enterprise towards inclusion of sustainability considerations to enhance enterprise environmental performance for ecological protection towards sustainable development.
- GiTaT replaces the manual checklist self-assessment questionnaire previously utilized in evaluating enterprise current Green IT/IS practice.
- Moreover GiTaT facilitates Green IT/IS implementation by providing information on how enterprises can adopt Green IT/IS practice initiatives.
- GiTaT evaluates, benchmark and rate the current Green IT/IS practices being implemented by IT practitioners and IT administrators in enterprises.
- GiTaT provides decision making recommendation for IT practitioners and IT administrators in implementing Green IT/IS best practice

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BENEFITS/USEFULNESS

- GiTaT offers inexpensive and practical guidelines to implementing Green IT/IS.
- GiTaT measures current Green IT/IS practices implemented in organizations.
- GiTaT assess if organizations current Green IT/IS practices considers the environment, people and profit.
- GiTaT replaces the manual paper self-assessment methods based on checklists previously used in organizations.

BENCHMARK METHOD

GiTaT asses based on ISO/IEC 155004 rating

ISO/IEC 15504 Benchmark Scale	GiTaT Assessment Rating
Not achieved (0-15%)	Not sustainable
Partially achieved (>15%-50%)	Not sustainable
Largely achieved (>50%-85%)	Sustainable
Fully achieved (>85%-100%)	Highly sustainable

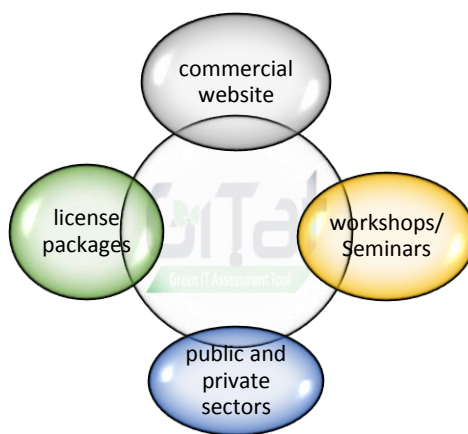
PUBLICATIONS

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2. Bokolo, A. J., Mazlina A. M. & Awanis, R. (2018). A Descriptive Study towards Green Computing Practice Application for Data Centres in IT Based Industries, *MATEC Web of Conferences*, Vol. 150, 1-8. ISI ESCI, Scopus.
3. Bokolo, A. J., Mazlina A. M. & Awanis, R. (2018). An Empirical Study on Predictors of Green Sustainable Software Practices In Malaysian Electronics Industries. 1-29, *Journal of Information and Communication Technology (IJCT)*, Vol. 17, No.2, 347-391. ISI ESCI, Scopus.
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5. Bokolo, A. J., & Mazlina A. M. (2017). An Agent Based Green Decision Making Model for Sustainable Information Technology Governance, *Advance Science Letters*, Vol. 23, No.1 11114-11118. Scopus,
6. Bokolo, A. J., Mazlina A. M. & Awanis, R. (2017). Green ITIS Practice for Sustainable Collaborative Enterprise: A Structural Literature Review. *International Journal of Sustainable Society*, Vol 9, No 3, 243-272. Scopus.
7. Bokolo, A. J., Mazlina A. M. & Awanis, R. (2017). A Green Information Technology Governance Framework for Eco-Environmental Risk Mitigation, *Progress in Industrial Ecology, An International Journal*, Vol 11, No 1, 30-48. Scopus.

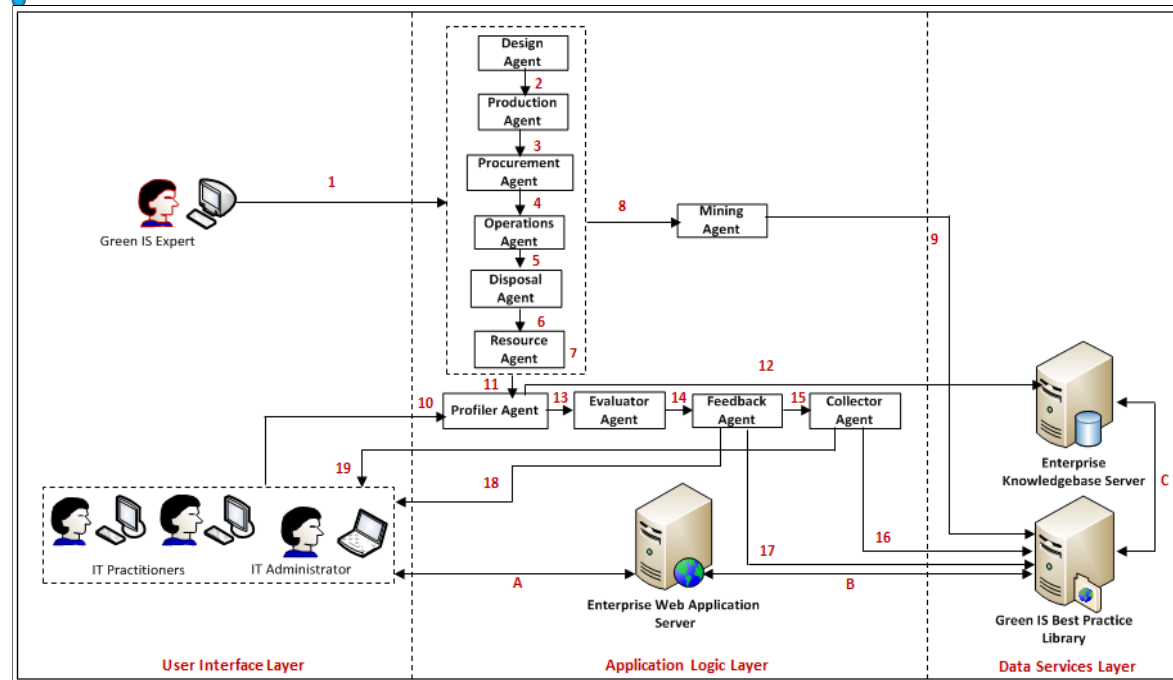
ENVIRONMENTAL IMPACT



MARKETABILITY



STATE OF ARTS /METHODS



PRODUCT CHARACTERISTICS

GREEN BEST PRACTICE CASE RETRIEVAL

NOVELTY

Green Assessment Tools	Assessment Method	Performs Evaluation	Implements Benchmark	Implements Rating	Sustainability Reporting	Provides Certification	Best Practice Suggestion
Hankel et al. (2017) developed a Green ICT self-assessment model.	Manual Questionnaire	✓	✓	✓	✓	✗	✗
Hankel and Lago (2016) designed a Green ICT maturity model.	Manual Questionnaire	✓	✓	✓	✓	✗	✓
Foogoo and Dookhitram (2014) proposed a self-Green ICT maturity assessment tool.	Manual Check List	✓	✓	✓	✓	✗	✓
Muladi and Surendo (2014) also designed a self-assessment questionnaire.	Manual Questionnaire	✓	✓	✗	✗	✗	✗
Odeh and Meszaros (2012) Green IT Rating Model.	Manual Questionnaire	✗	✓	✓	✓	✗	✓
Jain et al. (2011) proposed balanced scorecard for assessing Green IT initiatives.	Manual using Balance scorecard	✗	✗	✗	✓	✗	✓
GiTaT (2018)	Autonomous Web Based	✓	✓	✓	✓	✓	✓

ACHIEVEMENT



■ GOLD MEDAL, CREATION, INNOVATION, TECHNOLOGY & RESEARCH EXPOSITION, 2018, UMP.

COLLABORATORS



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