



1st INTERNATIONAL CONFERENCE OF FEE ECOCAMPUS
Getting Higher Level Education Climate Ready
26-27th April 2024

EXPERIENCE REPORT - NURSING UNDERGRADUATE STUDENTS AND SUSTAINABLE DEVELOPMENT ACADEMIC ACTIVITIES

Patrícia Câmara^{1*}, Susana Bazenga¹⁻², Rita Figueiredo¹⁻³, Tânia Lourenço¹⁻³,
David Sousa¹, Emanuel Gouveia¹, Maria Eva Nóbrega¹, Luísa Gonçalves¹,
Nisa Souto¹⁻⁴, Noélia Pimenta¹, Luísa Santos¹⁻³

- 1- ESESJCluny, Escola Superior de Enfermagem de São José de Cluny. Funchal. Madeira. Portugal *e-mail: pcamara@esesjcluny.pt
2 – Gabinete de Apoio a Emergências em Saúde Pública, Direção Regional da Saúde. Funchal. Madeira. Portugal.
3 - Center for Health Technology and Services Research (CINTESIS@RISE), NursID – Innovation & Development in Nursing, OPorto, Portugal.
4 – CINDUR, Centro de Investigação, Inovação e Desenvolvimento em Enfermagem de Lisboa. Portugal





Introduction:



Introduction:

- Concern about environmental issues and sustainability has become increasingly relevant in the health context, requiring the integration of these principles in the training of nursing professionals.

(Rusaanes, 2024); (Harris, 2022)

- Recent studies point to the urgency of integrating sustainability into the academic nursing curriculum, preparing future professionals for new global health challenges, and contributing to a healthier and more sustainable environment.

(Incesu & Yas, 2024)



Introduction:

- To report on students' experience of such academic sustainable development activities not only to identify insights, but also to promote awareness of environmental impacts on health and develop skills for sustainable clinical practice.



Aim:

- To describe the experience of first-year students on the ESESJCluny nursing degree course 2023/2024 regarding sustainable development activities (included in the academic curriculum and the Eco-Schools programme) and to explore how they intend to integrate the principles of sustainability into their future clinical practice.



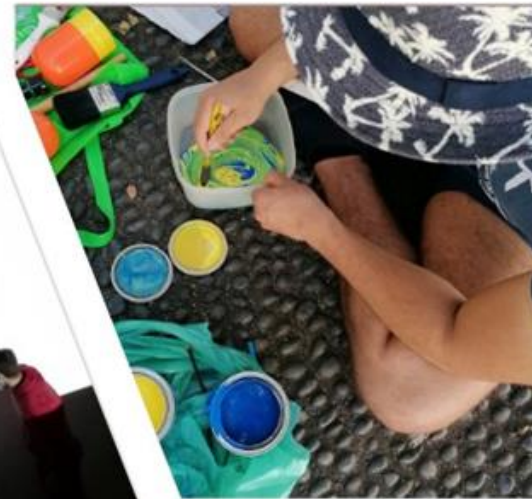


ECO-CLUNY

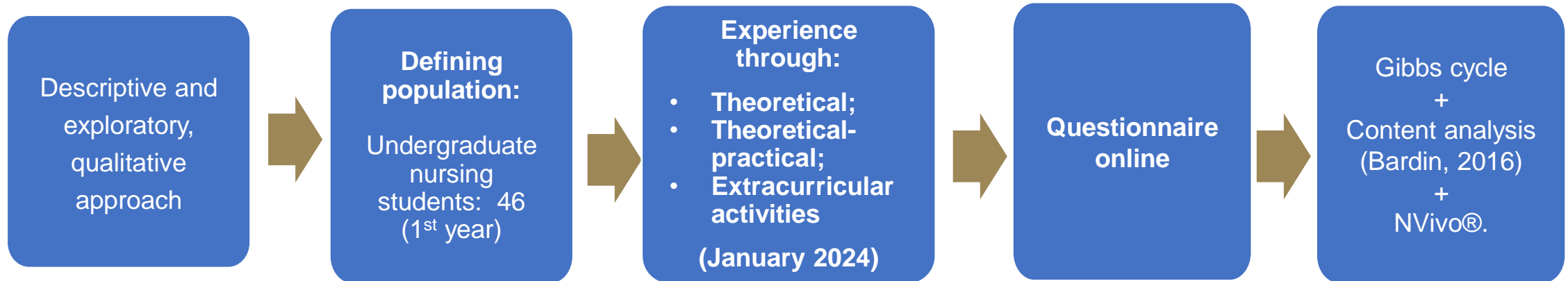


MUROS COM VIDA

Method:



Method:



Question:

“As a future nurse, how do you intend to integrate the principles of sustainability into your clinical practice to contribute to promoting environmental health and achieving the Sustainable Development Goals?”

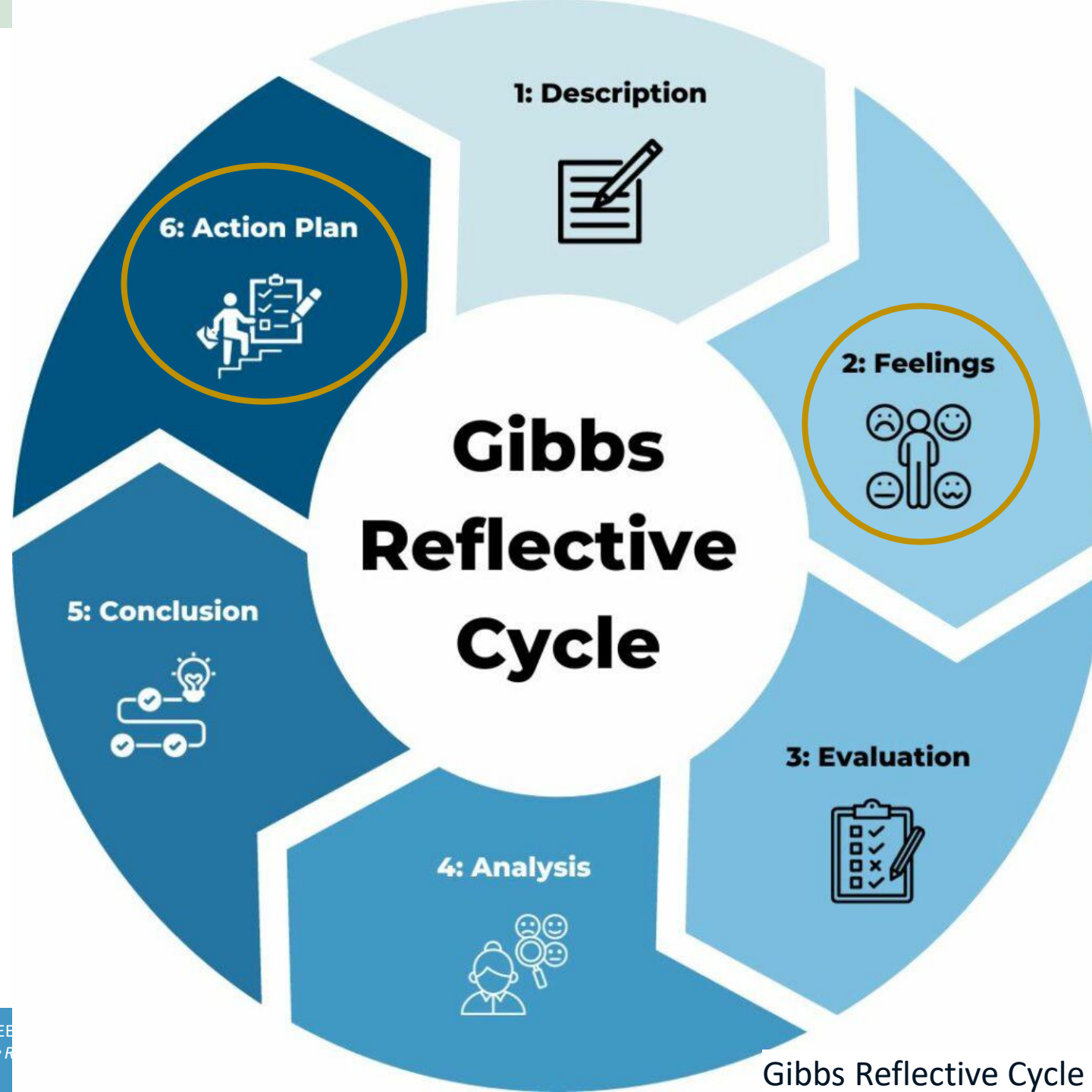




Results:



Results:



Results:

- Experience through activities:

- Theoretical;
- Theoretical-Practical;
- Extra-curricular activities


ENFERMAGEM E SUSTENTABILIDADE
INTEGRANDO PRÁTICAS ECO-CONSCIENTES
PARA O FUTURO DA SAÚDE GLOBAL

18 janeiro 2024 11h00 às 13h00 Auditório Florence Nightingale

11h00 A Pegada Ecológica
Engenheira do Ambiente Cláudia Corte

12h00 Projeto BioMask
Professor Doutor Shujoy Chakraborty

Inscrições:
<https://forms.gle/xhD2p6jS4Mp9GjX1A>



Destinatários: estudantes do 1º ano CLE e demais interessados

Conferência inserida na Unidade curricular História, Epistemologia e Fundamentos de Enfermagem I - 1º Semestre 2023/2024 & Projeto EcoCluny



Results:

2: Feelings



6: Action Plan



- Categories relating to the feelings and action plan expressed by the students:

- *Interest and Curiosity;*
- *Concern and Determination;*
- *Empathy and Social Responsibility;*
- *Satisfaction and Professional Gratification;*
- *Environmental and Social Awareness.*
- *Future Concerns;*



Results:

- Categories relating to the feelings and action plan expressed by the students:

Interest and Curiosity

"Contributing to the promotion of environmental health is essential and this cause brings feelings of enthusiasm and responsibility, as we have an opportunity to be part of a positive change by integrating more sustainable and ecological practices into healthcare."

2: Feelings



6: Action Plan



Results:

- Categories relating to the feelings and action plan expressed by the students:



Concern and Determination

"These situations also cause me some concern, especially in the future, because wasting materials can lead to shortages that can affect of the best possible care for patients."



Results:

- Categories relating to the feelings and action plan expressed by the students:



Empathy and Social Responsibility

“I plan to do sustainable health education with my patients, such as nutrition based on organic and local food, thus reducing the ecological footprint.”



Results:

- Categories relating to the feelings and action plan expressed by the students:



Future Concerns;

"Implementing these kinds of changes will certainly be a challenge on my journey as a student and as a healthcare professional, but it is essential to look to the future and use all the information gathered to contribute not only to the individual health of patients, but also to the health of our planet and future generations."



Conclusion:



Conclusion:

- The results highlight the **importance of integrating sustainability principles into nurse training**, with a view to promoting environmental health and achieving the Sustainable Development Goals.
- **Student involvement in sustainable academic activities** has been shown to have a significant impact on interest and commitment to more sustainable practices in the future.
- Emphasising the **crucial role of future nurses in development a more sustainable and healthy future**.



Bibliographical references:

- Aleixo, A. M., Leal, S., & Azeiteiro, U. M. (2021). Higher education students' perceptions of sustainable development in Portugal. *Journal of Cleaner Production*, 327, 129429. <https://doi.org/https://doi.org/10.1016/j.jclepro.2021.129429>
- Bardin L. *Análise de Conteúdo* 3ª ed. 2016.
- Harris OO, Bialous SA, Muench U, Chapman S, Dawson-Rose C. Climate Change, Public Health, Health Policy, and Nurses Training. Review. *American Journal of Public Health*. 2022;112:S321-S327. <https://doi.org/10.2105/AJPH.2022.306826>
- Incesu, O., & Yas, M. A. (2024). The relationship between nursing students' environmental literacy and awareness of Global Climate Change. *Public Health Nursing*, 41, 67–76. <https://doi.org/10.1111/phn.13255>
- Rusaanes V, Eide H, Brembo EA, Gladhus L, Oswald BM, Heyn LG (2024). Educating nursing students for sustainable future rural health-care services: An umbrella review. *International Journal of Nursing Studies*. 2024/03/01/ 2024;151:104688. doi: <https://doi.org/10.1016/j.ijnurstu.2023.104688>

