



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Escola Superior d'Enginyeries Industrial,
Aeroespacial i Audiovisual de Terrassa

Deep learning based computer vision for aerial-view street object detection and classification

Document:

Budget

Author:

Richard Coll Josifov

Director/Co-director:

David Lavèrnia-Ferrer/ Albert Masip-Álvarez

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BACHELOR FINAL THESIS

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Budget

1.1 Activities included

Number	Code	Activity	Units	Total
1	CU1	Computer usage	kWh	67,39
2	PD1	Project development	hours	720

1.2 Unit price

Number	Code	Activity	Price
1	CU1	Computer usage	0,3082 €/kWh [2]
2	PD1	Project development	8 €/hour [1]

1.3 Execution budget

Number	Code	Activity	Amount(€)
1	CU1	Computer usage	20,77
2	PD1	Project development	5760,00
Execution budget			5780,77
21% VAT			1213,96
Total execution budget			6994,73

Appendix: Calculations

Computer usage consumption

$$18\text{weeks} * 6 \frac{\text{usage days}}{\text{week}} * 6 \frac{\text{hours}}{\text{usage day}} * 0,078kW = 67,39kWh$$

Project development time

$$24\text{ECTS} * 30 \frac{\text{hours}}{\text{ECTS}} = 720h$$

References

- [1] Escola Superior d'Enginyeria Industrial, Aeroespacial i Audiovisual de Terrassa. *Pràctiques externes*. 2021. URL: <https://eseiaat.upc.edu/ca/empresa/practiques-externes/empresa>. (visited on 02/06/2022).
- [2] Organización de Consumidores y Usuarios. *Precio de la luz: en mayo la luz sigue muy cara*. 2022. URL: <https://www.ocu.org/vivienda-y-energia/gas-luz/informe/precio-luz>. (visited on 02/06/2022).