Tabel 4. 1 Matriks Aspek

|  |  |  |  |
| --- | --- | --- | --- |
| **Stakeholder** | **EV** | **CI** | **CR** |
| akademisi 1 | 4,129897 | 0,043299 | 0,038969 |
| akademisi 2 | 4,25836 | 0,08612 | 0,077508 |
| industri 1 | 4,327109 | 0,109036 | 0,098133 |
| industri 2 | 4,268335 | 0,089445 | 0,080501 |
| LSM 1 | 4,23562 | 0,07854 | 0,070686 |
| LSM 2 | 4,261461 | 0,087154 | 0,078438 |
| PEMDA 1 | 4,260481 | 0,086827 | 0,078144 |
| PEMDA 2 | 4,1125 | 0,0375 | 0,03375 |

Tabel 4. 2 Hasil perhitungan rata-rata geometris responden aspek

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| agregasi 1 | A1 | A2 | A3 | A4 |
| A1 | 1 | 8,290877 | 1,565085 | 0,840896 |
| A2 | 0,120615 | 1 | 0,345721 | 0,128699 |
| A3 | 0,638943 | 2,892508 | 1 | 0,628017 |
| A4 | 1,189207 | 7,77006 | 1,592314 | 1 |
| JUMLAH | 2,948765 | 19,95344 | 4,503119 | 2,597613 |

Tabel 4. 3 Hasil perhitungan AHP antar aspek

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| aspek | A1 | A2 | A3 | A4 | JUMLAH  | BP | RANK |
| A1 | 0,339125 | 0,415511049 | 0,415511 | 0,323718957 | 1,493866111 | 0,373467 | 2 |
| A2 | 0,040903 | 0,05011666 | 0,050117 | 0,049545161 | 0,190681884 | 0,04767 | 4 |
| A3 | 0,216682 | 0,144962822 | 0,144963 | 0,241766995 | 0,748374254 | 0,187094 | 3 |
| A4 | 0,40329 | 0,389409468 | 0,389409 | 0,384968887 | 1,567077752 | 0,391769 | 1 |
| Jumlah | 1 | 1 | 1 | 1 | 4 | 1 |  |

|  |  |  |
| --- | --- | --- |
| **aspek** | **BP**  | **RANK** |
| Pendidikan dan Kesadaran | 0,391769 | 1 |
| Diversifikasi Produk Pariwisata | 0,373467 | 2 |
| Pelibatan Masyarakat Lokal | 0,187094 | 3 |
| Pelestarian Lingkungan | 0,04767 | 4 |

Tabel 4. 4 nilai pembobotan masing-masing aspek

Tabel Matriks Kriteria A1

|  |  |  |  |
| --- | --- | --- | --- |
| **Stakeholder** | **EV** | **CI** | **CR** |
| akademisi 1 | 4,313228 | 0,104409 | 0,093968 |
| akademisi 2 | 4,220238 | 0,073413 | 0,066071 |
| industri 1 | 4,309904 | 0,103301 | 0,092971 |
| industri 2 | 4,184042 | 0,061347 | 0,055213 |
| LSM 1 | 4,17878 | 0,059593 | 0,053634 |
| LSM 2 | 4,1125 | 0,0375 | 0,03375 |
| PEMDA 1 | 4,312167 | 0,104056 | 0,09365 |
| PEMDA 2 | 4,3364 | 0,112133 | 0,10092 |

Hasil perhitungan rata-rata geometris responden Kriteria A1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| agregasi 2 | B1 | B2 | B3 | B4 |
| B1 | 1 | 0,562341 | 0,930605 | 0,655997 |
| B2 | 1,778279 | 1 | 1,106682 | 0,86334 |
| B3 | 1,07457 | 0,903602 | 1 | 0,698534 |
| B4 | 1,524398 | 1,158292 | 1,431569 | 1 |
| JUMLAH | 5,377248 | 3,624236 | 4,468856 | 3,217871 |

Hasil perhitungan AHP antar Kriteria A1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| KRITERIA A1 | B1 | B2 | B3 | B4 | JUMLAH  | BP | RANK |
| B1 | 0,185969 | 0,1551614 | 0,155161 | 0,20386 | 0,700152 | 0,175038 | 4 |
| B2 | 0,330704 | 0,2759203 | 0,27592 | 0,268295 | 1,15084 | 0,28771 | 2 |
| B3 | 0,199836 | 0,2493221 | 0,249322 | 0,21708 | 0,91556 | 0,22889 | 3 |
| B4 | 0,28349 | 0,3195963 | 0,319596 | 0,310764 | 1,233447 | 0,308362 | 1 |
|  | 1 | 1 | 1 | 1 | 4 | 1 |  |

nilai pembobotan masing-masing Kriteria A1

|  |  |  |
| --- | --- | --- |
| KRITERIA A1 | **BP**  | **RANK** |
| B4 | 0,308362 | 1 |
| B2 | 0,28771 | 2 |
| B3 | 0,22889 | 3 |
| B1 | 0,175038 | 4 |

Matriks Kriteria A2

|  |  |  |  |
| --- | --- | --- | --- |
| **Stakeholder** | **EV** | **CI** | **CR** |
| akademisi 1 | 4,306948 | 0,102316 | 0,092084 |
| akademisi 2 | 4,262467 | 0,087489 | 0,07874 |
| industri 1 | 4,340093 | 0,113364 | 0,102028 |
| industri 2 | 4,170908 | 0,056969 | 0,051272 |
| LSM 1 | 4,219014 | 0,073005 | 0,065704 |
| LSM 2 | 4,281837 | 0,093946 | 0,084551 |
| PEMDA 1 | 4,317332 | 0,105777 | 0,0952 |
| PEMDA 2 | 4,215997 | 0,071999 | 0,064799 |

Hasil perhitungan rata-rata geometris responden Kriteria A2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| agregasi 3 | C1 | C2 | C3 | C4 |
| C1 | 1 | 0,147722 | 1,313455 | 2,47955 |
| C2 | 6,769472 | 1 | 2,659148 | 1,992141 |
| C3 | 0,761351 | 0,37606 | 1 | 1,495349 |
| C4 | 0,86334 | 0,501972 | 0,66874 | 1 |
| JUMLAH | 9,394163 | 2,025755 | 5,641343 | 6,967041 |

Hasil perhitungan AHP antar Kriteria A2

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kriteria A2 | C1 | C2 | C3 | C4 | JUMLAH  | BP | RANK |
| C1 | 0.106449 | 0.072922 | 0.072922 | 0.355897 | 0.60819 | 0.152048 | 4 |
| C2 | 0.720604 | 0.493643 | 0.493643 | 0.285938 | 1.993828 | 0.498457 | 2 |
| C3 | 0.081045 | 0.18564 | 0.18564 | 0.214632 | 0.666956 | 0.166739 | 3 |
| C4 | 0.091902 | 0.247795 | 0.247795 | 0.143533 | 0.731025 | 0.182756 | 1 |
| JUMLAH | 1 | 1 | 1 | 1 | 4 | 1 |  |

nilai pembobotan masing-masing Kriteria A2 (Tanah)

|  |  |  |
| --- | --- | --- |
| **Kriteria A2 (Tanah)** | **bobot peoritas**  | **RANK** |
| C4 | 0.182756 | 1 |
| C2 | 0.498457 | 2 |
| C3 | 0.166739 | 3 |
| C1 | 0.152048 | 4 |

Tabel Matriks Kriteria A3

|  |  |  |  |
| --- | --- | --- | --- |
| Stakeholder | EV | CI | CR |
| akademisi 1 | 4.254591 | 0.084864 | 0.076377 |
| akademisi 2 | 4.262467 | 0.087489 | 0.07874 |
| industri 1 | 4.251017 | 0.083672 | 0.075305 |
| industri 2 | 4.237514 | 0.079171 | 0.071254 |
| LSM 1 | 4.317872 | 0.105957 | 0.095361 |
| LSM 2 | 4.348883 | 0.116294 | 0.104665 |
| PEMDA 1 | 4.29648 | 0.098827 | 0.088944 |
| PEMDA 2 | 4.276389 | 0.09213 | 0.082917 |

Hasil perhitungan rata-rata geometris responden Kriteria A3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| agregasi 4 | D1 | D2 | D3 | D4 |
| D1 | 1 | 5.791461 | 2.942831 | 3 |
| D2 | 0.11547 | 1 | 0.304273 | 0.310202 |
| D3 | 0.339809 | 3.286523 | 1 | 1.495349 |
| D4 | 0.333333 | 2.837225 | 0.508133 | 1 |
| JUMLAH | 1.788612 | 12.91521 | 4.755237 | 5.80555 |

Hasil perhitungan AHP antar Kriteria A3

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kriteria A3**  | D1 | D2 | D3 | D4 | JUMLAH  | BP | RANK |
| D1 | 0.559093 | 0.448421777 | 0.448422 | 0.516747 | 1.972683 | 0.493171 | 1 |
| D2 | 0.064558 | 0.077428093 | 0.077428 | 0.053432 | 0.272847 | 0.068212 | 4 |
| D3 | 0.189985 | 0.254469222 | 0.254469 | 0.257572 | 0.956495 | 0.239124 | 2 |
| D4 | 0.186364 | 0.219680908 | 0.219681 | 0.172249 | 0.797975 | 0.199494 | 3 |
|  | 1 | 1 | 1 | 1 | 4 | 1 |  |

nilai pembobotan masing-masing Kriteria A3

|  |  |  |
| --- | --- | --- |
| **Kriteria A3 (Udara)** | **bobot peoritas**  | **RANK** |
| D1 | 0.493171 | 1 |
| D3 | 0.239124 | 2 |
| D4 | 0.199494 | 3 |
| D2 | 0.068212 | 4 |

Matriks Kriteria A4

|  |  |  |  |
| --- | --- | --- | --- |
| Stakeholder | EV | CI | CR |
| akademisi 1 | 4.29993 | 0.099977 | 0.089979 |
| akademisi 2 | 4.23474 | 0.078247 | 0.070422 |
| industri 1 | 4.066639 | 0.022213 | 0.019992 |
| industri 2 | 4.309625 | 0.103208 | 0.092887 |
| LSM 1 | 4.131678 | 0.043893 | 0.039503 |
| LSM 2 | 4.220238 | 0.073413 | 0.066071 |
| PEMDA 1 | 4.227183 | 0.075728 | 0.068155 |
| PEMDA 2 | 4.322915 | 0.107638 | 0.096875 |

Hasil perhitungan rata-rata geometris responden Kriteria A4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| agregasi 4 | E1 | E2 | E3 | E4 |
| E1 | 1 | 0.530771 | 1.257433 | 0.759836 |
| E2 | 1.884051 | 1 | 2.540664 | 1.128181 |
| E3 | 0.945742 | 0.393598 | 1 | 0.467138 |
| E4 | 1.316074 | 0.886383 | 2.140695 | 1 |
| JUMLAH | 5.145867 | 2.810752 | 6.938792 | 3.355155 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kriteria A4 | E1 | E2 | E3 | E4 | jumlah | BP | rank |
| E1 | 0.194331 | 0.188836 | 0.188836 | 0.226468 | 0.798471 | 0.199618 | 3 |
| E2 | 0.366129 | 0.355777 | 0.355777 | 0.336253 | 1.413935 | 0.353484 | 1 |
| E3 | 0.183787 | 0.140033 | 0.140033 | 0.13923 | 0.603083 | 0.150771 | 4 |
| E4 | 0.255754 | 0.315354 | 0.315354 | 0.298049 | 1.184511 | 0.296128 | 2 |
|  | 1 | 1 | 1 | 1 | 4 |  |  |

Hasil perhitungan AHP antar Kriteria A4

nilai pembobotan masing-masing Kriteria A4 (sosial. ekonomi dan budayab)

|  |  |  |
| --- | --- | --- |
| **Kriteria A4**  | **bobot peoritas**  | **RANK** |
| E2 | 0.353484 | 1 |
| E4 | 0.296128 | 2 |
| E1 | 0.199618 | 3 |
| E3 | 0.150771 | 4 |

Matriks Alternatif

|  |  |  |  |
| --- | --- | --- | --- |
| Stakeholder | EV | CI | CR |
| akademisi 1 | 4.121875 | 0.040625 | 0.036563 |
| akademisi 2 | 4.319292 | 0.106431 | 0.095788 |
| industri 1 | 4.244894 | 0.081631 | 0.073468 |
| industri 2 | 4.239516 | 0.079839 | 0.071855 |
| LSM 1 | 4.272962 | 0.090987 | 0.081889 |
| LSM 2 | 4.239516 | 0.079839 | 0.071855 |
| PEMDA 1 | 4.239516 | 0.079839 | 0.071855 |
| PEMDA 2 | 4.311111 | 0.103704 | 0.093333 |

Hasil perhitungan rata-rata geometris responden Alternatif

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| agregasi 4 | F1 | F2 | F3 | F4 |
| F1 | 1 | 3 | 7.021042 | 3.567621 |
| F2 | 0.333333 | 1 | 0.472871 | 1.046635 |
| F3 | 0.142429 | 2.114743 | 1 | 1.732051 |
| F4 | 0.280299 | 0.955443 | 0.57735 | 1 |
| JUMLAH | 1.756061 | 7.070185 | 9.071263 | 7.346307 |

Hasil perhitungan AHP antar Alternatif

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Alternatif | F1 | F2 | F3 | F4 | JUMLAH  | BP | RANK |
| F1 | 0.569456 | 0.424317 | 0.424317 | 0.485635 | 1.903725 | 0.475931 | 1 |
| F2 | 0.189819 | 0.141439 | 0.141439 | 0.142471 | 0.615168 | 0.153792 | 3 |
| F3 | 0.081107 | 0.299107 | 0.299107 | 0.235772 | 0.915093 | 0.228773 | 2 |
| F4 | 0.159618 | 0.135137 | 0.135137 | 0.136123 | 0.566014 | 0.141504 | 4 |
| JUMLAH | 1 | 1 | 1 | 1 | 4 | 1 |   |

nilai pembobotan masing-masing Alternatif

|  |  |  |
| --- | --- | --- |
| Alternatif | **bobot peoritas**  | **RANK** |
| F1 | 0.475931 | 1 |
| F3 | 0.228773 | 2 |
| F2 | 0.153792 | 3 |
| F4 | 0.141504 | 4 |